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#### PAY RECORD BOOK, ESTIMATE WORK BOOK AND PARTIAL PAYMENT CROSS REFERENCE SYSTEMS

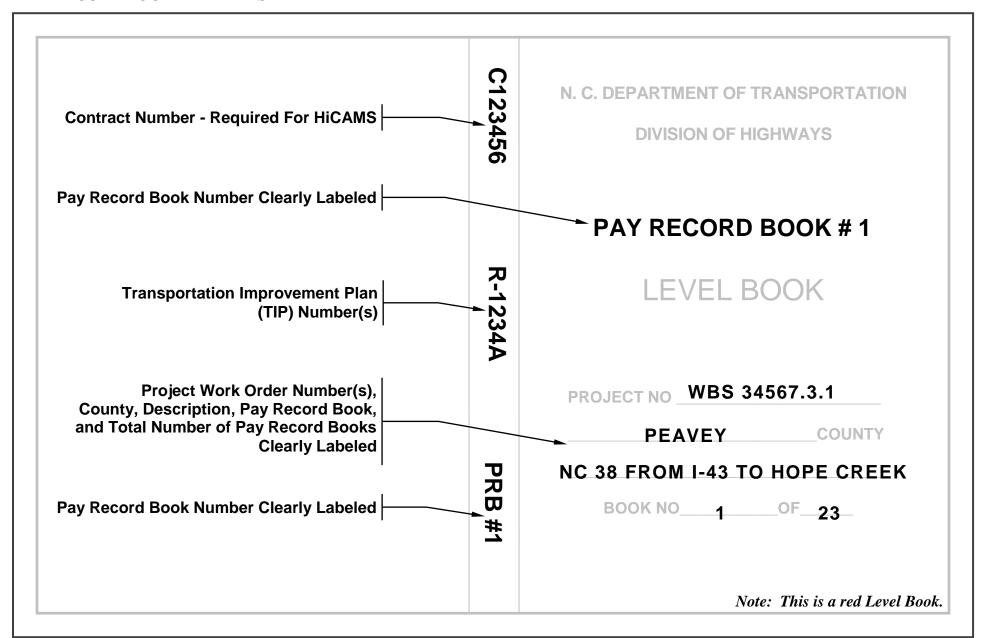
Examples have been included to assist the Resident Engineer's office in preparing and utilizing pay record books, estimate work books and partial payment cross reference systems.

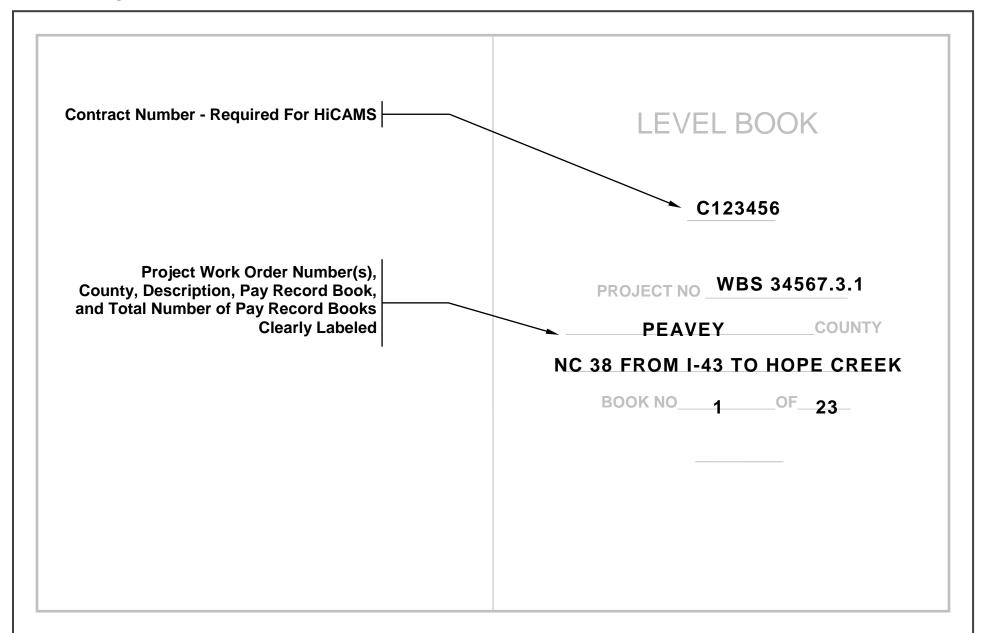
The format of the examples provided closely simulates pay record and estimate work book entries. These examples document any appropriate information that should be included for each type of pay item. These examples are not mandatory requirements and should be utilized as guides in recording entries involving roadway and structure pay items in pay record and estimate work books. The Resident Engineer and staff should use these examples and good judgment when documenting any pay item.

The partial payment cross reference system included in the examples provides only one way of documenting specific partial payments to the Contractor by item and estimate number. The Resident Engineer should utilize this example and good judgment in documenting and cross referencing all partial payments made to the Contractor. This example system also provides an easy method to track the over/underruns of each individual pay item during the construction of the project.

The following are examples of typical Pay Record Book, Estimate Work Book and Partial Payment Cross Reference System entries:

#### PAY RECORD BOOK ENTRY EXAMPLE - OUTSIDE COVER





Line Code	Description	Page			
	Personnel	5			
1	Mobilization	7			
2	Clearing & Grubbing	9			
	Supplemental Clearing & Grubbing	11			
4	Sealing Abandoned Wells	21			
5	Unclassified Excavation	26			
6	Undercut Excavation	36			
9	Select Granular Material	50			
11	Soil Stabilization Fabric	60			
12	Benching For Embankment	80			

# PERSONNEL PAGE

PERSONNEL 5

Name	Initials	Class.			
Tony M. Biggs - Inspector	TME	TT-III			
9. M. Resident. PE - Resident Engineer	MR	TES-II			
Carmel B. Jones - Inspector	CZJ	TT-I			
Moses H. Riggs - Inspector	MHR	TT-II			
Bill 2. Knotts - Inspector	82N	TT-I			
1. M. Assistant, PE - Assist. R. E.	MA.	TE-I			
Bob J. White - Inspector	BJW	TT-IV			
George N. Jungle - Inspector	gng	TT-II			

**GENERAL NOTES** 

								_				
General N	otes:	ı	ı		I	!	1	ı	,	ı	'	
1. All ent					•	al condition		narks that	will not	fit into t	he prov	video
_	_			•		ompleting bly in this		_		nate Asse	embly.	See
3. Indicat contrac	e in the <b>R</b> t and cons			nd on the	General	<b>Notes</b> page	e if there i	s a change	e from wh	nat is cont	tained i	in the
General N	otes for A	ll Pay Re	ecord Boo	oks:								
General N  1. Leave 1					for a <b>Page</b>	<b>Total</b> and a	a Final Es	timate As	sembly ch	ecking n	otation.	
<ol> <li>Leave 1</li> <li>When 6 "Field</li> </ol>	oom at th distances Measured	e bottom between " should	of the each	ch page fused do held in the I	not match <b>Remarks</b> c	Total and a the pay ler olumn. Th	ngth recor	ded in the	e Pay Rec	ord Book	k, the v	vords
<ol> <li>Leave 1</li> <li>When 6 "Field was no</li> <li>Verify</li> </ol>	room at the distances Measured tan error that all m	between " should in the cal	Stations up to placed leulation of the placed leulation of the control of the con	ch page for the length on the properties.	not match Remarks c gth.	the pay ler	ngth recornis allows	rded in the the perso	e Pay Rec n checkin	ord Book	k, the w	words ow i
<ol> <li>Leave 1</li> <li>When 6 "Field was no</li> <li>Verify</li> </ol>	room at the distances Measured tan error that all m	between " should in the cal	Stations up to placed leulation of the placed leulation of the control of the con	ch page for the length on the properties.	not match Remarks c gth.	the pay ler olumn. Th	ngth recornis allows	rded in the the perso	e Pay Rec n checkin	ord Book	k, the w	words ow i
<ol> <li>Leave 1</li> <li>When 6 "Field was no</li> <li>Verify</li> </ol>	room at the distances Measured tan error that all m	between " should in the cal	Stations up to placed leulation of the placed leulation of the control of the con	ch page for the length on the properties.	not match Remarks c gth.	the pay ler olumn. Th	ngth recornis allows	rded in the the perso	e Pay Rec n checkin	ord Book	k, the w	words ow i

ine Code #1	Mobilizatio	va		LS @ \$785	.000.00	7
Lump Sum %			Amount	Date	Initials	Remarks
50%			\$392,500.00	2-15-	07 RCS	Pd. Est.#1 by: JAD
50%			\$392,500.00	3-15-	07 RCS	Pd. Est.#2 by: JAD
Page &	Project	Total:	\$785,000.00	4-28-	07 7WR	
–9 certify that the			-			
– 3-15-07 in ac –of the contract.	cordance wit	n the terms				
_ _ Signed.		Resident, PE ent Engineer	<u> </u>			
_	Kesidi	eut Eugineer				
						Checked By: ML7
						Date: 6-19-07

ode #2 Construction Surveying		15 (	(d) <i>\$150,000.00</i>	)	8
Complete		Amount	Date	Initials	Remarks
10.0%		\$15,000.00	9-30-06	<i>7</i> 4X7	Pd. Est.#1 by RXW
10.0%		\$15,000.00	10-31-06	747	Pd. Est. #2 by RXW
5%		\$7,500.00	11-30-06	747	Pd. Est.#3 by RKW
5%		\$7,500.00	12-31-06	747	Pd. Est.#4 by RXW
5%		\$7,500.00	1-31-07	7177	Pd. Est. #5 by RXW
5%		\$7,500.00	2-28-07	7177	Pd. Est. #6 by RXW
5%		\$7,500.00	3-31-07	7127	Pd. Est. #7 by RXW
15%		\$22,500.00	4-30-07	7127	Pd. Est. #8 by RXW
10%		\$15,000.00	5-31-07	7127	Pd. Est. #9 by RXW
10%		\$15,000.00	6-30-07	77	Pd. Est. #10 by RXW
15%		\$22,500.00	7-31-07	7177	Pd. Est. #11 by RXW
5%		\$7,500.00	8-31-07	7127	Pd. Est. #12 by RKW
	7otal:	\$150,000.00			
ify that this item was completed 1-07 in accordance with the terms contract.		Note: Partial	payments are n	nade in acc	ordance with Article 801-3.
Signed: <u>9. M. Resident, PE</u> Resident Engineer					
					Checked By: ML7
	<del></del>	<del>                                     </del>	1		Date: 11-4-07

Lump Sum %			Amount		Date	Initials	Remarks
7004			#40 500 00	14	01 07	<b>84.05</b>	
<i>50%</i>			\$62,500.00 \$18,750.00		-21-07 -21-07	UCE UCE	
			·			UCE	0 4 10 01 07
35%			\$43,750.00	12	2-21-07	uce	Complete 12-21-07
Page &	Project	7otal:	\$125,000.00	12	-21-07	ucz	
   certify that thi  12-21-07 in ac  f the contract.							ed by the Engineer for each payment cial Provisions if applicable.
Signed:	9. M. Z	Resident, PE	<u> </u>				Checked Ey:
1	Resident E	Engineer					ML7 Date: 1-22-08

Station Loc	Length	Width	Avg. Width	<i>\$7</i>	Acres	Date	Initials	Remarks
57+25 RtL-		20						
51 165 Kt. Z	25	20	22.5	562.5		11-3-06	VLB	Additional Clearing for
57+50 Rt - L-	-	25		000.0				New Lateral 'V' Ditch to
	50		21.0	1,050.0				Drain Low Spot
58+00 RtL-		17						,
	63		19.5	1,228.5		11-3-06	VLB	Pd. 0.065 ac. Est. #4
58+63 Rt L-		22						By: MOH Date: 11-7-06
189+90 -L-		182						
	60		189.5	11,370.0		3-2-07	VLB	Environmentally
190+50 -L-		197						Sensitive Area Excluded
	47		192.0	9,024.0		3-2-07	VLB	from Initial Clearing
190+97 -L-		187						See Specification 200-1
		1	1					Pd. 0.468 ac. Est. #8
the square footage show or estimates and page to atry. Only show the pagetottom of the page.	otals and not	for each						By: MOH Date: 3-7-07
				50,507.6	4.700	0.0.07	2.40	
		Page	7otal	23,235.0	0.533	3-2-07	VLB	24 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
								Checked By: WSI
								Date: 8-20-07

			Avg.		Aug.						
Station	Length	Width	Width	Depth	Depth	<i>C7</i>	еч	Date	Initials	Ren	uarks
50+00-L-Rt.		0.0		0.8						7emporari	y Shoulder
	50.0		3.0		0.8	120.0	4.4	3 2 07	MX7	Widening	- Phase I
150+50		6.0		0.8							
	50.0		6.0		0.8	240.0	8.9	3 2 07	MX7		
151+00		6.0		0.8							
	50.0		6.0		0.8	240.0	8.9	3 2 07	MX7		
151+50		6.0		0.8							
	50.0		6.0		0.8	240.0	8.9	3 2 07	MX7		
152+00		6.0		0.8							
	50.0		6.0		0.8	240.0	8.9	3 2 07	MX7		
152+50		6.0		0.8							
	50.0		6.0		0.8	240.0	8.9	3 2 07	MX7		
153+00		6.0		0.8							
	35.0		3.0		0.8	84.0	3.1	3 2 07	MX7	7emporar	y Shoulder
153+35		0.0		0.8						Widening	- Phase I
					Page	Total:	52.0	3 2 07	MX7		
										Checked By: M	<i>L7</i>
										Date: 8-19-07	

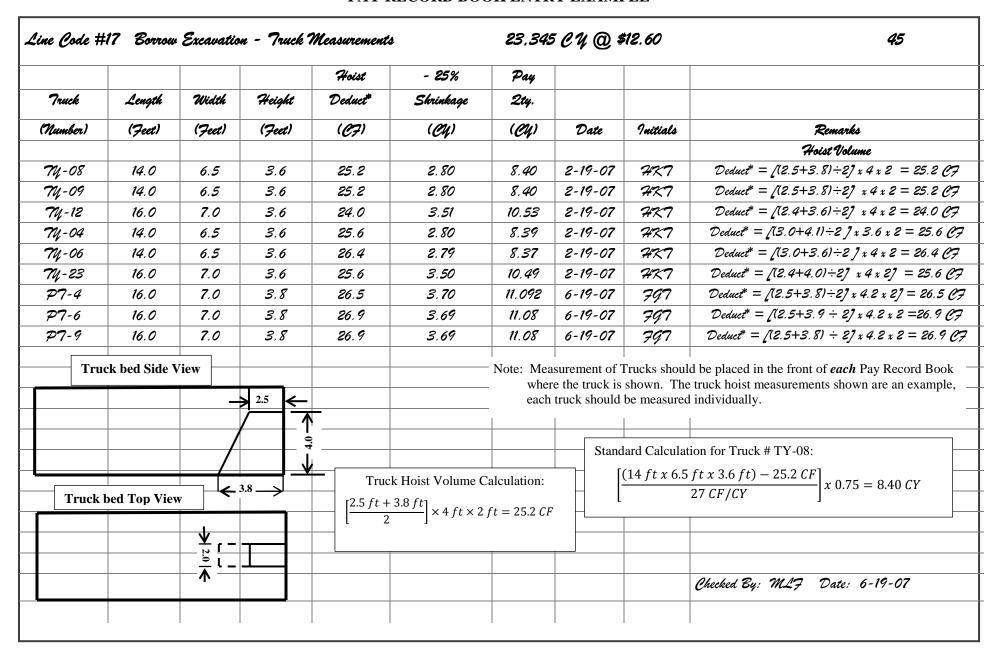
<i></i>	Unclassified	! Excavatio	n			39,436	CU @ \$12	2.25		19
<u>Vo</u>	tes for Uncle	assified Ex	cavation:							
l.						y using the Xnave deduction				tion when field ssary.
2.	Original crobe recorded				•		vhen they a	re taken. I	Final cross-	sections should
3.	When cross	-sections a	re taken, tl	ney may be	calculated	by the follow	ving proced	lures:		
	• Ple	otted on cr	oss-section	sheets and	d volumes	calculated usi	ng the aver	age-end ar	ea method.	
				ammetry w by the Res			grammeterio	c cross-sec	tions and t	heoretical final
1.	quantities for Book and v to be conse	or partial perified wit	payment es h the Cont estimating	timates. T tractor on a the amoun	These comp a daily basi nt for payn	outations shou s for unclassinent each per	ıld be clear ified excav riod until tl	ly docume ation opera ne final qu	ented in an ations. It is antities can	te the monthly Estimate Work recommended be calculated.
	Using this radjusted one		•	-		assified excav	ation durir	ng the life o	of a project	will have to be
									1	

Station/Loc	Length	$\boldsymbol{\chi}$	¥	(X+U)/2	3	Sq. 7t.	Avg. Area	CU	Date	Initials	Remarks
75+44 -L- EBL		0.0	0.0	0.00	0.0	0.00	,				'Box cut' of
	11.0						21.00	8.6	11-9-07	ewn	Grade Point
75+55 -L- EBL		28.0	28.0	28.00	1.5	42.00					
	35.0						53.20	69.0	11-9-07	crom	
75+90 -L- EBL		28.0	28.0	28.00	2.3	64.40					
	50.0						58.80	108.9	11-9-07	cum	
76+40 -L- EBL		28.0	28.0	28.00	1.9	53.20					
44.55		-5.0			2.7	210.00					
46+55 -47-	45.0	65.0	63.0	64.00	3.8	243.20	00/ /6	422.6	10 1 07	00.004	
421.00 4.2	45.0	71.5	(6.0	70.05	4.7	220.16	286.69	477.8	12-1-07	ewm	
47+00 -47-	50.0	71.5	69.0	70.25	4.7	330.18	206.57	(10.3			
47150 447	50.0	27.5	75.5	76.50	4.3	328.95	329.57	610.3			
47+50 -47-	50.0	77.5	13.3	10.50	4.5	568.95	328.02	607.4			
48+00 -47-	30.0	68.0	65.5	66.75	4.9	327.08	528.02	607.4			
48+00-41-	50.0	08.0	05.5	00.13	4.9	321.08	302.67	560.5			
48+50 -47-	30.0	67.5	65.0	66.25	4.2	278.25	502.01	300.3			
40+30 -41-	57.0	01.5	05.0	00.25	4.6	210.20	276.63	584.0	12-1-07	ewm	
49+07 -47-	<i>31.</i> 0	70.0	67.5	68.75	4.0	275.00	210.03	204.0	12 1 01	Coone	
47.10. 47.		1070	01.0	00,12	1,0						
					Page &	Project	7otal	3,026.5	12-1-07	Cum	Checked By:

	%	%		Amount			Est.	
	Complete	Paid		Paid	Date	Initials	#	Remarks
	5.0%	5.0%		\$4,250.00	4-30-07	247	1	Mobilized 4-15-07-L-
	20.0%	15.0%		\$12,750.00	5-31-07	978	2	-L- Sta. 230+00 to 290+00 Rt.
	35.0%	15.0%		\$12,750.00	6-30-07	<i>4</i> 77	3	-L- Sta. 235+00 to 310+00 Lt.
	50.0%	15.0%		\$12,750.00	7-31-07	MX7	4	-L- Sta. 290+00 to 360+00 Lt./Rt.
	75.0%	25.0%		\$21,250.00	8-31-07	mx7	5	-L- 360+00 to end project, U, U2, & U4
	90.0%	15.0%		\$12,750.00	9-30-07	MX7	6	Rough Grading complete  Shoulder work, Borrow for 43, 45, 46
	100.0%	10.0%		\$8,500.00	10-31-07	974	7	All grading complete this estimate period.
		Project	7otal:	\$85,000.00	11-2-07	MX7		
ccordance we	rtify that this item was completed 11-2-07 in ordance with the terms of the contract.  Signed: 9. M. Resident, PE							
	Resident Engineer							Checked By: WWH
								Date: 11-15-07

	eu	No.		7otal				
Truck #	7ruck	Loads		eu		Date	Initials	Remarks
7-08	12.3	14		172.0		4-16-07	978	Sta.145+00 - 245+00 - L - R
G-01	11.5	23		264.5		4-16-07	978	
7-03	11.1	19		210.9		4-16-07	978	
7-45	10.4	17		176.8		4-16-07	978	
7-5	8.7	23		200.1		4-16-07	978	
7-9	8.9	17		151.3		4-16-07	978	
7-23	13.3	11		146.3		4-16-07	978	
7-17	11.3	8		90.4		4-16-07	978	Sta. 145+00 - 245+00 - L-R
	Page	Project	7otal:	1,412.3	eu	5-4-07	MX7	
See Borro	w Excavation	n for addi	tional met	hods of me	asurement. –			
								Checked By: MLF

Line Code #15	Fabric fo	r Soil Stab	bilization		465 SU @ \$2.80 43					
Station	Length	Width	Avg. Width	<i>\$7</i>		SY		Date	Initials	Remarks
19+50 Lt L -		64.0°						7-28-07	LLA	Measured By: LLA
	50.0		65.0	3,250.0						per letter from
90+00		66.0'								geotechnical
	50.0		68.4'	3,420.0						dated 6-28-07
90+50		70.8'								
	50.0°		73.4'	3,670.0						
91+00		76.0'								
	50.0		78.7'	3,935.0						
91+50		81.4'								
	<i>50.0</i> ′		80.0	4,000.0						
92+00		78.6'								
	<i>50.0</i> °		74.9'	3,745.0						
92+50		71.2'								
	15.0'		65.6	984.0'						
92+65		60.0'								
	15.0°		42.5'	637.5						
92+80		25.0'								
	20.0		12.5	250.0						
3+00 LtL-		0.0'						7-28-07	LLA	
	Page &	Project	7otal:	23,891.5	57	2655	SY	8-21-07	LLA	Checked By: MLF
	<u> </u>						1			Date: 9-19-07



	eu	No.		7otal				
Truck #	7ruck	Loads		CU		Date	Initials	Remarks
7-00-01	7.0000	20000		Uy		Dun	7**************************************	Zonwac
74-08	12.3	14		172.0		4-16-07	978	7ill Sta. 235+00 - 245+00 - L- Rt.
74-01	11.5	23		264.5		4-16-07	978	1
74-03	11.1	19		210.9		4-16-07	978	
74-45	10.4	17		176.8		4-16-07	978	
74-5	8.7	23		200.1		4-16-07	978	
74-9	8.9	17		151.3		4-16-07	978	
74-23	13.3	11		146.3		4-16-07	978	
74-17	11.3	8		90.4		4-16-07	978	Fill Sta. 235+00 - 245+00 - L - Rt.
<i>85-8</i>	14.1	19		267.9		4-19-07	DE7	Fill Sta. 10+00 - 19+00 Rp. C -Y-Rt.
BS-45	14.1	17		239.7		4-19-07	DE7	Fill Sta. 10+00 - 19+00 Rp. C-U-Rt.
74-03	11.1	16		177.6		4-20-07	C974	7ill Sta. 265+23 - 268+50 - L - Rt.
74-45	10.4	23		239.2		4-20-07	C974	
74-23	13.3	19		252.7		4-20-07	C974	
<i>85-8</i>	14.1	20		282.0		4-20-07	C974	7ill Sta. 265+23 - 268+50 - L - Rt.
<b>B-01</b>	11.4	2		22.8		4-25-07	924	Backfill Drainage Strs. 14, 15, 15A, 16
74-5	8.7	21		182.7		4-28-07	978	Backfill for H-Pile Wall Sta. 345+65-L-
74-9	8.9	19		169.1		4-28-07	978	Backfill for H-Pile Wall Sta. 345+65-L-
		Page	7otal:	3040.5	eu	5-07-07	mx7	
		,,-	,					
								Checked By: ML7
								Date: 5-15-07

ne Code #1	9 Filter Fabri	ic For Drain	rage Ditch				630 SY	<b>@</b> \$1.90		47
				Ave.						
Station	Lt./Rt.	Length	Width	Width		57	54	Date	Initials	Remarks
Shear										
180+00			8.0							
	RtL-	110.0		7.75		852.5		11-4-07	PRM	
181+10			7.5							
Shear										
Shear										
70+00			8.0							
	Lt41-	99.0		8.0		792.0		11-4-07	PRM	Field Measured
71+00	,		8.0							
Shear										
			Page &	Project	7otal:	1644.5	108.5	11-4-07	PRM	
										Checked By: WBC
										Date: 12-15-07

Station	Length	$\boldsymbol{\chi}$	¥	(X+U)/2	3	Sq. Ft.	Av. Area	CU	Date	Initials	Remarks
Sumun	Zanyan	<i>,</i>	7	170 : 47110	7	<b>39</b> . 70.	700. 70000	Cy	- Duit	744444	Zonavace
0+00		8.5	2.0	5.25	1.6	8.40					Outlet ditch
ed of 18" RCP	25.0						13.02	12.1	11-4-07	PRM	at 25+75 Rt. U6
0+25		12.1	2.0	7.05	2.5	17.63			1	1	1
	25.0						23.78	22.0			
0+50		15.6	2.0	8.80	3.4	29.92					
	35.0						25.02	32.4			
0+85		12.9	2.0	7.45	2.7	20.12					
	30.0						20.70	23.0			
1+15		13.2	2.0	7.60	2.8	21.28					
	28.0						18.29	19.0	11-4-07	PRM	
1+43		11.3	2.0	6.65	2.3	15.30					
ie to exist ditch											1
					Page &	Project	7otal	108.5	11-4-07	PRM	
~		x		-	-						
				z							
		— Y —	<u> </u>								
											Checked By: WBC
											Date: 12-15-07

Line Code #2	22 Silt Exc	cavation					220 CU (	D \$7.25	<i>50</i>
Station	Lt.  Rt.	Length	Width	Depth	<i>C7</i>	eu	Date	Initials	Remarks
23+45-L-	Lt.	10.0	10.0	3.0	300.0	11.1	5-30-07	RSA	Basin Number 4
25+50 - L-	Rt.	12.0	10.0	2.2	264.0	9.8	5-30-07	RSA	Basin Number 5
35+50 - L-	Rt.	10.0	8.0	1.8	144.0	5.3	5-30-07	RSA	Basin Number 8
36+00-L-	Lt.	8.0	12.0	2.7	259.2	9.6	5-30-07	RSA	Basin Number 9
45+53 - L-	Rt.	10.0	8.0	1.4	112.0	4.1	5-31-07	RSA	Basin Number 13
48+23 -L-	Lt.	15.0	12.0	3.7	666.0	24.7	5-31-07	RSA	Basin Number 15
50+35 -L-	Rt.	10.0	10.0	2.5	250.0	9.3	6-1-07	RSA	Basin Number 17
53+39 -L-	Lt.	11.0	12.0	3.1	409.2	15.2	6-1-07	RSA	Basin Number 19
12+80 -41-	Lt.	10.0	8.0	1.6	128.0	4.7	6-4-07	RSA	Basin Number 22
33+25 -41-	Lt.	12.0	10.0	1.8	216.0	8.0	6-4-07	RSA	Basin Number 24
13+65 -41-	Rt.	8.0	8.0	2.8	179.2	6.6	6-4-07	RSA	Basin Number 25
15+45 -U1-	Rt.	10.0	8.0	2.2	176.0	6.5	6-4-07	RSA	Basin Number 30
				Page	Total:	114.9 CY	6-4-07	RSA	
									Checked By: JAW
									Date: 9-27-07

ne Coae #2	24 Removal	of Aspaalt f			(, )	ou S	y Q	), \$2.00	,	<i>52</i>		
Station	Location	Length	Width	Avg. Width	<i>57</i>	SY		Z	ate	Initial	Remarks	
98+91.0	Rt L -		28.0'					8-2	27-07	LLA	Detour & old road up	
		9.0		28.0	252.0				ı	<u> </u>	to bridge	
95+00.0			28.0'								,	
		50.0		29.0'	1,450.0							
95+50.0			30.0									
		50.0		31.0'	1,550.0							
96+00.0			32.0'									
		50.0		33.5	1,675.0							
96+50.0			<i>35.0'</i>									
		50.0		31.0'	1,550.0							
97+00.0			27.0'									
		50.0		27.5	1,375.0							
97+50.0			28.0'									
		317.0'		28.0'	8,876.0						<u> </u>	
100+67.0	RtL-		28.0'					8-2	27-07	LLA	Detour & old road up	
											to bridge	
		Page &	Project	7otal:	16,728.0	1,858.7	en,	10-2	2-07	TWZ		
		Page &	Project	Total:	10,128.0	(,050.1	34	10-2	-01	1002		
											Checked By: ML7	
											Date: 11-19-07	

ne Code #24	f Removal	l of Asphal	t Pavement				1,800 SV	( (d) \$2.	00	53
							_			
1		-L-Rev		1						
							_			
	42.0	•		$ \stackrel{\downarrow}{\mathscr{C}} $	4.7'					
6.5	A	i	17.2'							
			18.		West					
					Marina Drive					
Section	Calcul	ation	57					Date	Initials	Remarks
	(16.5'+17.2	'1X42.0'=	707.7				9	-14-07	LLA	Measured By: LLA, DDT
A	2									Date: 9-14-07
8	1/2(17.2'7(	8.0') = 1	54.8				9	-14-07	LLA	Calc. By: LLA
	0 7'W02 0	W 67226-	120 6							Date: 9-14-07
e	4.7 142.0	X.67329=	152.9				9	3-14-07	LLA	
	Page	Total:	995.4	<i>57</i> =	110	.6 SY	9	-14-07	LLA	
										Checked By: ML7
										Date: 10-19-07

.une Coae +	‡25 15" R(	e Pipe, Cu	188 777				120 27 (	@ <i>\$30.50</i>	<i>54</i>
				#	Length	7otal			
Station	Station	Lt./Rt.	Str. #	Joints	Joints	Length	Date	Initials	Remarks
203+40	203+92	Rt.	4	6	8.0	48.0	3-29-07	GBA	D07 Stamped - Outlet Pipe
				1	4.0	4.0	3-29-07	GBA	D07 Stamped - Outlet Pipe
203+40	203+92	Rt.				-0.3	5-31-07	PLK	Pipe Cut-off in Str. #5
				Page	7otal:	51.7 LF	6-2-07	mx7	
				,					
			No	commall ac	on method tivity for th	it to record nat pipeline	one line of j together. T	pipe per pag This is espe	Record Books. The most ge in the PRB. This keeps cially helpful for pipe cut- s-Constructed Plans.
									Checked By: ML7
									Date: 1-19-07

					Joint	7otal			
Station	Station	Location	Str.No.	# Joints	Length	Length	Date	Initials	Remarks
6+10	16+50	-L-Lt.	17	2	20.0	40.0	3-08-07	WLW	1 7ES on each end
7+74	18+14	-L- Lt.	19	2	20.0	40.0	3-18-07	WLW	
21+80	21+84	-L- Lt.	24	2	20.0	40.0	11-30-07	BJJ	From Str. 23 to 25.4
21+80	21+84	-L- Lt.	24	1	8.0	8.0	11-30-07	BÌÌ	From Str. 23 to 25 A
			Page &	Project	7otal:	128.0	12-15-07	<i>DD7</i>	
			r uge 🗷	- wpcci	7 out.	120,0	12 12 01		
									Checked By: MLF
									Date: 12-19-07

	ode #32 Fine (	,,				LS @ \$50,000		<i>56</i>
	%				Amount			
	Complete				Paid	Date	Initials	Remarks
	20%				\$10,000.00	5-18-07	MX7	
	20%				\$10,000.00	5-29-07	mx7	
	10%				\$5,000.00	6-12-07	MX7	
	25%				\$12,500.00	9-20-07	mx7	
	25%				\$12,500.00	10-15-07	MX7	Completed 10-15-07
		Page &	Project	7otal:	<i>\$50,000.00</i>	10-15-07	mx7	
				Note:				the Engineer for each payment rovisions if applicable.
rccordan	that this item wa ce with the terms Signed: 9. M	of the contra	et.					
	Kesa	aent Engineer						Checked By: ML7
								Date: 10-19-07

Station	Loc.	Length	*Width	Avg. Width	57	SŲ	Date	Initials	Remarks
45+65 - L-	EBL		28.0				4-16-07	7 <i>RW</i>	
		1,330		28.0	37,240.0	4,137.8			
58+95 -L-	EBL		28.0				4-16-07	7RW	
		455		28.0	12,740.0	1,415.6			
63+50 -L-	EBL		28.0				4-17-07	7 <i>RW</i>	Begin deceleration lane taper
		500		34.0	17,000.0	1,888.9			
68+50 -L-	EBL		40.0				4-17-07	TRW	End deceleration lane taper
		795		40.0	31,800.0	3,533.3			
76+45 -L-	EBL		40.0				4-18-07	TRW	Includes full width deceleration law
									Pd. 10,975.6 SY Est.#4
									Date: 4-22-07 By: JAW
76+45 -L-	EBL		28.0				4-24-07	TRW	
		1,295		28.0	36,260.0	4,028.9			
89+40 -L-	EBL		28.0				4-24-07	7 <i>RW</i>	
		1,235		28.0	34,580.0	3,842.2			
101+75 -L-	EBL		28.0				4-24-07	TRW	
									Pd. 7,7871.1 SY Est.#5
									Date:5-22-07 By: J.AW
		Page &	Project	7otal	169,620.0	18,846.7	4-24-07	TRW	
									Checked By: VLB
— *plan dim	ensions								Date: 7-25-07

							Actual				
			Area	Start	Stop		Rate	Auth.			
Station	Station	Location	SV*	Gallons	Gallons	Gallons	Gal/SU	Rate**	Date	Initials	Remarks
45+65	<i>58</i> + <i>95</i>	-L- EBL	4,137.8	980	312	668	0.161	0.150	4-18-07	9.4.2	
										-	
<i>58</i> + <i>95</i>	68+50	-2- EBL	3,304.5	1,046	484	562	0.170	0.150	4-19-07	9.4.2	
68+50 76	76+45	-L- EBL	3,533.3	926	251	675	0.191	0.150	4-20-07	JAL	Exceeds 0.02 toleran
		(0.191 - (0.150	0 + 0.0211	x 3,533	3.3 =	-74.2			4-20-07	9.4.2	Deduct. required
76+45	89+40	-L- EBL	4,028.9	1002	415	587	0.146	0.150	4-23-07	9.4.2	
89+40	101+75	-L- EBL	3,842.2	960	257	703	0.183	0.150	4-24-07	9.4.2	Exceeds 0.02 toleran
	(0	0.183 - (0.150-	+0.02))	x 3,842.	2 =	-49.9			4-24-07	JAL	Deduction required
			Page &	Project	7otal:	3,070.9			4-24-07	9.4.2	
cement	base, etc., c	neasured for linean be shown can be for the as	lirectly with	nout							Checked By: LL7 Date: 5-2-07

cannot be exceeded by more than 0.02 gallons per square yard without having a deduction applied.

Line Code #20	Shoulder B	Porrow					2,9	75 CU @ \$	\$12.35		59		
Station	Length	a	¥	(2+4)/2	3	Sq. 7t.	Avg. Area	CH	Date	Initials	Remarks		
Shear													
24+50-L-Lt.		10.2	10.2	10.2	0.5	5.10							
	250.0						4.90	45.4	7-7-07	ed e			
22+00-L-Lt.		9.4	9.4	9.4	0.5	4.70							
Shear													
Shear													
18+00-41- Rt.		8.3	7.2	7.75	0.4	3.10							
	150.0						3.33	18.45	7-19-07	7974			
16+50-41- Rt.		7.7	6.5	7.10	0.5	3.55							
Shear													
						Page	7otal	63.9 CU	11-4-07	PRM			
						,							
	_												
See Borrov	w Excavatio	on for add	litional m ∣	ethods of me	easurem	ent							
											Checked By: WBC		
											Date: 11-15-07		

e Code #41 Mil			2 9,200	6,280 SY @ \$2.80 60							
Station	Location	Length	Width	Avg. Width	S. Y.	Date	Initials	Remarks			
10+00 -L-	WBL		11.8					Outside lane			
		1,150		11.80	1,507.8	9-16-07	FWL				
21+50 -L-	WBL		11.8								
		1,110		11.80	1,455.3	9-17-07	FWL				
32+60 -L-	WEL		11.8								
		96		13.05	139.2	9-17-07	FWL				
33+56 -L-	WBL		14.3					Width includes part of deceleration			
								lane			
10+00 -L-	WEL		12.2					Median lane			
		980		12.20	1,328.4	9-26-07	FWL	1			
19+80 -L-	WEL		12.2								
		665		12.20	901.4	9-27-07	FWL				
26+45 - L-	WEL		12.2								
		710		12.20	962.4	9-28-07	FWL				
33+55 - L-	NBT		12.2					Median lane			
31+25 -L-	WEL		12.2					Additional full depth pass			
		115		12.20	155.9	9-28-07	FWL	due to cracks & laminations			
32+40 -L-	WEL		12.2								
		Page &	Project	7otal	6,450.4	9-28-07	FWL	Checked By: JCV			
								Date: 10-15-07			

e Code #27	Pipe Removal				310 LF @			
							Est.	
Station	Location			Length	Date	Initials	#	Remarks
116+10	-L-Lt.			20.2	3-08-06	WLW	3	15" RCP
117+74	-L- Lt.			32.0	3-18-07	WLW	3	24" CS
121+80	-L- Lt.			12.2	11-30-07	BJJ	11	12" RCP
121+80	-L- Lt.			16.2	11-30-07	BÌÌ	11	15" RCP
142+10	-L- Lt.			16.2	11-30-07	BJJ	11	15" CS
110+34	-L- Rt.			30.0	12-2-07	ed e	12	18" CS
118+23	-L- Rt.			24.2	12-2-07	<i>CDC</i>	12	24" RCP
121+22	-L- Rt.			21.2	12-2-07	<i>CDC</i>	12	24" RCP
36+85	-L- Rt.			18.5	12-5-07	CD C	12	18" RCP
141+60	-L- Rt.			28.5	12-5-07	CD C	12	30" RCP
		Page	Total:	219.2	12-15-07	<i>CDC</i>		
		,						
								Checked By: ML7
								Date: 12-19-07

Station Loc	Length	Width	Depth	Avg. Depth	ey	Date	Initials	Remarks
10+00 RtL-		1.5	0.7					
	42.4			3.75	8.8	4-16-07	gmL	
10+30 RtL-			6.8					
	70.0			6.80	26.4			
11+00 RtL-			6.8					Outlet in slope
	100.0			6.75	37.5			45° skew - field measured
12+00 RtL-			6.7					
	100.0			6.65	36.9			
13+00 RtL-		1.5	6.6			4-16-07	gml	
27+40 LtL-		1.5	4.5			5-4-07	gmL	
	35.7			5.70	11.3			
27+45 LtL-			6.9					
	55.0			6.85	20.9			7ie to D9
28+00 LtL-			6.8					lateral distance
	100.0			6.70	37.2			field measured
29+00 LtL-			6.6					
	125.0			6.60	45.8			
30+25 LtL-		1.5	6.6			5-4-07	gmL	
$Y = L \times W \times Av. Do$	epth/27							Checked By: APM
	_	Page &	Project	7otal	224.8	5-4-07	gml	Date: 10-16-07

ne Code #51 Subdrain	n Fine Aggre	gate			100 C	¼ @ #33	3.60		63
				Avg.	Pipe				
Station/Loc.	Length	Width	Depth	Depth	Deduct.	** C4	Date	Initials	Remarks
10+30 RtL-			3.0						
	270.0	1.5		3.00	1.9	43.1	4-16-07	gmL	
13+00 Rt -L-			3.0						
27+40 Lt L-			3.0						
21+40 212-	35.7	1.5	3.0	3.00	0.2	5.8	5-4-07	gmL	7ie to DI
27+45 LtL-			3.0						lateral distance
	280.0	1.5		3.00	2.0	44.7	5-4-07	gml	field measured
30+25 LtL-			3.0						
47+65 Lt L-			2.0						Blind drain
	60.0	1.0		2.35	nIA	5.2	5-21-07	gmL	(no pipe)
48+25 LtL-			2.7					•	
pe Deduction will de o deduction should be				Project	7otal:	98.8	5-21-07	gmL	
eference Standard Dr	awing No. 8	15.03							
			**	CY = ((L)	W x Av. De	epth)/27)	- Pipe Dedu	iction —	Checked By: DLS
					1	1	1 1		Date: 10-16-07

e Code #52	4" Perfer	eated Pip	he			2,87	70 LF @ \$6.0	66		
				Measured						
Station	Location			Length			Date	Initials	Remarks	
<i>223+50</i>	-L-Lt.								Sag Vertica	el
				50.3			3-18-07	マレノマレ	, , , , , , , , , , , , , , , , , , ,	
224+00	-L- Lt.									
				50.5			3-18-07	WLW		
224+50	-L- Lt.									
				50.5			3-18-07	WLW		
225+00	-L- Lt.									
				50.3			3-18-07	ひしてひ		
225+50	-L- Lt.							- 4-		
222. 44	1 1			10.0			3-18-07	マロユフロ		
225+40	-L- Lt.								Sag Vertica	el .
		Page	7otal:	211.6	27		5-15-07	eDe.		
									Checked By: ML7	
					+				Date: 6-19-07	

ne Code #60	Concrete d	Endwall				13.9 C	y @ \$650.	00	67
Station	Loc.	Lt.  Rt.	Str. No.	Pipe		eu	Date	Initials	Remarks
323+34.33	-L-	Rt.	44	66" RC		8.70	2-19-07	2427	Std 838.34 - Double 66"
									RCP-90°
10+85.45	-41-	Lt.	108,4	54" RC		5.20	3-20-07	978	Std. 838.21 - Single 54" RCP-
									90°
18+34	-413-	Rt.	167C	30" RC		3.80	6-13-07	<i>5</i> %7	Requested by Property
									Owner. Approved by
									9. M. Resident 5/9/07.
									Special Detail Sheet 4CC
									Single 30" RCP - 75°
			Page &	Project	Total:	17.70 EU	8-2-07	MX7	
									Checked By: MLF
									Date: 10-19-07

e Coae moe	? Brick Ma	sowig Enau	vacc 		<u> </u>		14.3 CY (	68	
Station	Loc.	Lt.  Rt.	Str. No.	Pipe		еч	Date	Initials	Remarks
34+84.25	-LRev	Lt	238	30" RC		0.672	6-17-07	<i>74</i> 7.7	Std. 838.11 - Single 30" - 90°
184+34.44	-L-	Lt.	67	48" CS		1.960	7-25-07	978	Std. 838.11 - Double 48" - 90°
			Page &	Project	Total:	2.632	8-2-07	<i>5</i> 07	
									Checked By: MLF
									Date: 9-7-07

e Code #64	Reinforcu	g Steel -	Endwalls			1,137	7 Lb. (a	), <b>\$2.46</b>		70
Station	Location		Туре			Lb.		Date	Initials	Remarks
139+45	-L-Lt.	Single 54	?" RCP - 9	0°Std. 838.2	7	354.0		6-21-07	WLW	Completed this date.
67+23	-U1-Rt.	Double 72	?" CS - 90	Std. 838.40		783.0		9-23-07	eD e	Completed this date.
			Page &	Project	Total:	1,137.0	Lb.	9-23-07	ep e	
										0/ / 12 04/0
										Checked By: ML7  Date: 10-19-07

						4.6 C4 @		
		Pipe						
Station	Location	Dia.	Str. #		*C4	Date	Initials	Remarks
25+15	Rt L-	18"	21		0.4465	12-1-06	GER	
59+62	LtL-	30"	32		0.6560	2-2-07	GER	
59+74	RtL-	30"	33		0.6560	2-2-07	GER	
89+60	Rt L-	42"	45		0.8856	2-15-07	GER	
89+60	LtL-	42"	46		0.8856	2-15-07	GER	
105+35	RtL-	24"	58		0.5526	3-25-07	GER	
105+50	LtL-	24"	59		0.5526	3-25-07	GER	
		Page &	Project	7otal	4.6349	3-25-07	GER	
			, .,				7073	
efer to Standard								Checked By: WAH
able of quantities	tor concrete pip	e.						Date: 4-21-07

Code #67 Pipe	<del>-uge</del>			2.4 CY @	#UEU. UU		72
Station	Location	Pipe Dia.		* <i>e</i> 4	Date	Initials	Remarks
225+60	RtL-	15"		0.045	12-2-07	CAG	
225+75	LtL-	15"		0.045	12-2-07	CAG	
49+73	Lt. & Rt42-	18"		0.130	2-4-07	CAG	Plugged both ends
279+65	Lt. & Rt L-	30"		0.364	3-15-07	CAG	Plugged both ends
<i>57+30</i>	Lt. & Rt43-	54"		1.178	3-29-07	CAG	Plugged both ends
122+55	Lt. & Rt L-	(3'x 3' x 1)'  27	2 ends =	0.667	4-15-07	CAG	Existing 3' x 3'
		Page & Project	7otal	2.429	4-15-07	CAG	RCBC
Refer to Standar	d Drawing No. 840.71						
NOTE: TO STAILUAL	d Diawing 110. 040./1						Checked By: PR
							Date: 7-2-07

ne Code #70	Masowry	Drainage S	tructures			4 Ea. @ \$1,625.00 73					
Station	Rt.  Lt.		Str. #		# Each	Date	Initials	Est.#	Remarks		
18+10-L-	Rt.		1		1	2-25-07	マレユマレ	9	D9 connecting 18" & 24"		
21+80-L-	Rt.		4		1	2-28-07	WLW	9	Junction box connecting 18"&		
									24"		
									Pd. 2 ea. By: TWR 3-15-07		
21+80-L-	Lt.		5		1	4-02-07	RWG	10	CB		
21+80-L-	Lt.		7		1	4-02-07	RWG	10	Median DI		
23+80-L-	Lt.		7-A		1	4-02-07	RWG	10	Median D. 9 added		
									Pd. 3 ea. By: TWR 4-15-07		
		Page &	Project	7otal:	5	4-15-07	TWR				
									Checked By: ML7		
									Date: 6-19-07		

ne Code #71	Masowry Drain	age Structures			23.5 C	Y @ \$975.0	0	74
Station	Rt.  Lt.	Str.	Туре		eu	Date	Initials	Remarks
28+53 -U4-	Rt.	105,4	JE		1.678	3-30-07	7K3	Complete per plans.
86+80 -Y2-	Lt.	1368	JE		2.256	4-18-07	<i>CDC</i>	Plan revision dated 2-28-07
								Added Special Detail
		Page &	Project	7otal:	3.934	5-3-07	TWR	
			Note:					placed in the Pay Record Book for
				Masonry nonstan		Structures tha	t are not ind	cluded in the special details or are
								Checked By: ML7
								Date: 6-19-07

Code #72 M	lasowry Drainag	ge Structur	nes.		2	?.4 <i>L</i> 7 @ \$.	345.00	<i>75</i>
Station	Location	Str.			17	Date	Initials	Remarks
310+35-L-	Æt.	55			2.9	4-19-07	£75	
316+50 -L-	Med.	58			3.9	4-21-07	175	
315+45 - L-	Lt.	61			9.7	4-29-07	175	
311+15 -L-	Lt. "D"	62			12.5	4-30-07	£75	
13+39 -42-	Lt.	84			5.7	5-8-07	175	CB @ 36" RCP
34+85 -VI-	Æt.	NIA			1.4	9-13-07	eD e	Adj. of Manhole over 2.0 Feet.*
			Page &	Project	36.1	10-5-07	TWR	
* See Article	858-4 for Pa	vment of	Adjustme	nt of				
Catch Basins, Valve Boxes	Manholes, D	rop Inlets	s, Meter B					
								Checked By: ML7
								Date: 2-13-07

Station	Rt.  Lt.	Str.			Zuantity	Date	Initials	Remarks
3+35 -41-	Rt.	28			1	9-23-06	7LP	CB - Low Point in Sag
3+38 -41-	Lt.	29			1	10-4-06	KAG	CB - Low Point in Sag
34+56 -L-	Rt.	9			1	5-3-07	CD C	CB - Low Point in Sag
34-58 -L-	Lt.	10			1	5-4-07	CD C	CB - Low Point in Sag
0+34 -UZ-	Lt.	39			1	6-15-07	PLM	CB - Low Point in Sag
0+35 -42-	Rt.	40			1	6-15-07	PLM	CB - Low Point in Sag
		Page &	Project	7otal:	6 Ea.	7-5-07	TWR	
								Checked By: MLF
								Date: 7-23-07

ine Code #78	2'-6" Concrete	Curb & Gutter	ı			1,510 .	LF @ \$16.	50	<i>77</i>
Station	Station	Rt. Lt.			17		Date	Initials	Remarks
0+14.60	2+92.70	Lt.			278.10		5-21-07	CLE	
3+02.40	4+10.00	Lt.			107.60		5-21-07	CLE	Beg. 55' radius
6+02.00	7+99.50	Lt.			193.50		5-21-07	CLE	
8+05.50	10+05.50	Lt.			200.00		5-21-07	CLE	End C&G Lt. Side
					779.2	587 6-19-07			
			Page	7otal:	782.40	27			
			No		ches may begutter.	e included i	n the Pay R	ecord Book	when appropriate for curb
									Checked By: ML7
									Date: 6-19-07

Line Code #	19 4 Con	crete Sidew	alk			1,980 SY @ \$33.25 78					
Station	Lt./Rt.	Length	Width	57	SŲ		Date	Initials		Remarks	
133+13,35									133 —		
	Rt.	61.60	5.0	308.0	34.22		6-30-07	200			
	Rt.	01.00	3.0	308.0	54.22		0-30-01	Deg		_	
									_		
131+51.75											
132+31.75										20' Driveway	
	<b>O</b> :	GE 15	5.0	445 35	46.59		6 80 07	200	132 —		
	Rt.	89.15	5.0	445.75	49.53		6-30-07	Deg		_	
'									-L-		
131+82.20									<u> </u>	201 Daissessess	
131+62.20										20' Driveway	
	Rt.	85.90	5.0	429.5	47.72		6-30-07	Deg			
130+76.30									131		
			Page	7otal:	131.47	SU	6-30-07	Deg	Msd. By: DCG	Date: 6-30-07	
									Calculated By: DJ  Checked By: ML7		

Station	Location				57	54	Date	Initials	Remarks
74+23,34	-L-Rt.								
	17.5'								
	$\mathcal{A}$	$\mathcal{A}$	(17.5' + 10.0'	) x 9.4' =	129.3		9-17-07	179	
9	<u></u>								Measured By: DAG
		_							Date: 9-17-07
			10.0' x 40	) <i>a</i> –					
		8	10.0 x 40	), <b>4</b> =	404.0		9-17-07	L7G	
	8	4							
	40.0	7							
	10.0'	-	Page	Total:	533.3 <b>5</b> 7	59.3 SU	10-3-07	FMP	
									Checked By: ML7
									Date: 12-19-07

Station	Section	Area			Amount		Date	Initials	Remarks
22+34 - L-	$\mathcal{A}$	1/0/□*/	4,0)2= 25.13 ST	7					Radius
	8	1/2(11*(4	4.012= 25.13 S;	<b>Z</b>					Island
21+84.8-2-	C	((8+4)÷	2)*43.2 = 259.	20 57					Radius
		1/2( <del>Y9*</del> 4%	2,0)2= <del>-</del> 6. <b>250.5</b> 9	<i>57</i> =	32.29 SY		7-23-07	AUF	
	$ \mathcal{A}$	)							
<b>→</b> 4.	0' 4.0'								Calculated By: MLK
		-L-	Ahead						Date: 8-4-07
		1	· ·						
43	3.2	8							
	2.0. 2.0.		7	7.1	32.29	<i>~</i> ,	8-4-07	MLX	
			Page	7otal:	52.29	54	8-4-01	MLX	
									Checked By: ML7
									Date: 9-5-07

ine Code #	‡88 Adjus	tment of Ma	nholes				3 Ea. (A	) <i>\$680.50</i>	80
Station	Loc.	Lt. Rt.				7otal	Date	Initials	Remarks
10+85	-41-	Lt.				1	7-13-06	P17	
102+60	- <i>L</i> -	Rt.				1	9-30-06	AZR	
39+83	-LRev	Lt.				1	10-2-06	AZR	
28+ <i>23</i>	-42-	Rt.				1	5-21-07	<i>BL</i> 7	Not included in plans
205+30	-LRev	Lt.				1	5-22-07	<i>81</i> 7	Not included in plans
			Page &	Project	7otal:	5 Ea.	6-2-07	MX7	
Note: WI	hen a catch ba	sin. manhole.	drop inlet, mete	er box, or val	ve box is ra	ised in exce	ss of		
2.0 Feet, t	hat length g	reater than	2.0 Feet will ction 858 in t	be paid fo	r as "Mas	onry Draina	age —		
									Checked By: MLF
	1	1				1	1		Date: 11-12-07

Station	Station	Location			17	Date	Initials	Est.	Remarks
								#	
+50+/-	2+80+/-	-L-Rt.			125.0	5-11-07	マロユマロ	7	
11+00	11+25	-L2-Rt.			25.0	5-12-07	マロユマロ	7	
11+34	11+96	-L2-Lt.			62.5	5-15-07	WLW	7	New Bridge
10+47	11+96	-L2-Rt.			150.0	5-15-07	WLW	7	New Bridge
161+78	163+64	-L2-Lt.			187.5	5-15-07	WLW	7	New Bridge
16+80	162+92	-L2-Rt.			112.5	5-15-07	WLW	7	New Bridge
0+03	1+16	-L1-Lt.			112.5	5-15-07	WLW	7	Old Bridge
12+81	14+72	-L-Rt.			187.5	5-15-07	WLW	7	
15.95	17+70	-L-Lt.			175.0	5-15-07	WLW	7	Pd. 1,137.5 Est. #7
									Date: 5-22-07 by: BCA
			Page	Total:	1,137.5	6-3-07	<i>5</i> 87		
									Checked By: ML7

Zine Code	e #102 4" '	Timber Posts	8.0° Lon	g		160 Ea	@ \$16.	25		<i>83</i>	
						7otal		7otal			
		Line	No. &	No. &	No. &	Extra		No.			
Station	Station	Lt./Rt.	Length	Length	Length	Length		Std.	Date	Initials	Remarks
0+00	10+00	NBL Rt.						75	3-19-07	2074 J	
5+00	6+00	NBL Rt.	2@10.4	4@9.5	4@12.4'	108.4'			3-19-07	WH9	Gulley
2.00	0.00	102 20.	300,107.4	1007.5	4(0)15.4	100,4			3 () 01	00717	guicq
10+00	20+00	NBL Rt.						80	8-24-07	SV,H	
15+00	16+00	NBL Rt.	6@10.4'			62.4'			8-24-07	SV,74	Draw
					Subtotal:	170.8'	=	22			Calc. By: SVH
											Date: 8-24-07
					/	/					
	Convert extra	- 1		_	Page &	Project	7otal:	177	8-24-07	SVH	
	hen the item										
aı to	nd extra leng	gtn posts on 866 of			· · · · · · · · · · · · · · · · · · ·						
	pecifications		the 2000	Standard							
N	lote that on	metal fence	posts only	one-half of							
th	ne extra le	ngth is co	-								
ac	dditional pos	ts.									Checked By: ML7
					•						Date: 9-5-07

ue Code #10	15 Chain 1	Link Fence —	48		1	6,530 1	C7 @ \$ 2.6	55 	84
Station	Loc.	Station	Loc.	Lt. Rt.		Length	Date	Initials	Remarks
435+25	-L-	439+33	-L-	Rt.		408	6-23-06	<i>4</i> 77	Begin CA - Tangent Section
0+00	Rp. A	45+85	-41-	Rt.		736	6-29-06	247	Ramp A and -U1-
0+00	Rp. E	15+44	Rp. B	Rt.		1,618	7-5-06	GPG	-Y1- and Ramp B and acceleration lan
565+85	-L-	568+00	-L-	Rt.		215	7-7-06	GPG	7angent Section - End CA
<i>566</i> + <i>75</i>	-L-	568+50	-L-	Lt.		175	6-2-07	MX7	Begin CA - Tangent Section
14+55	Rp. C	18+45	-41-	Lt.		1,582	6-4-07	MX7	Ramp A and -U1-
20+55	-41-	0+00	Rp. D	Lt.		1,618	6-8-07	mx7	-U1- and Ramp B and acceleration lan
438+63	- <i>L</i> -	436+80	-L-	Lt.		183	6-13-07	MX7	7angent Section - End CA
			Page &	Project	7otal:	6.536 L7	7-2-07	HLM	
									Checked By: MLF
									Date: 1-19-07

Station	Location	Length	Width	Avg. Width	<i>\$7</i>	Date		Initials	Est. #		Remarks
6+03	-L- Lt.		120.0								
	ı	37.0		120.0	5,640.0	9-30-07	•	<i>R</i> 77	5	Seeded	& Mulched 10-2-07
6+ <i>50</i>			120.0			ı		1	ı		
		50.0		115.0	5,750.0						
7+00			110.0								
		50.0		95.0	4,750.0						
7+50			80.0								
		50.0		77.5	3,875.0						
8+00			75.0								
		50.0		67.5	3,375.0					Measured By	: RF7. RBR 9 18-07
8+ <i>50</i>			60.0								
		50.0		61.0	3,050.0						
9+00			62.0								
		50.0		58.5	2,925.0						
9+50			55.0								
		50.0		51.0	2,550.0						
10+00			47.0								
		30.0		46.0	1,380.0	9-30-07	•	<i>277</i>	5	Seeded	& Mulched 10-2-07
10+30	-L- Lt.		45.0								
			Page	7otal:	33,295.0	0.764 ac.		9-30-07		Checked By: 7	4DC
									JAD	Date: 6-19-0	7
							⊢ e	stimates and	d page	totals and not	nverted to acres for for each entry. Only ottom of the page.

Station	Location	Length	Width	Avg. Width	57	Date	Initials	Est. #	Remarks	
10+30	-L- Lt.		45.0							
		20.0		62.5	1,250.0	9-30-07	<i>R</i> 77	5	Seeded & Mulched 10-	2-07
10+50			80.0			ı				
		50.0		90.0	4,500.0					
11+00			100.0							
		50.0		95.0	4,750.0					
11+50			90.0							
		50.0		72.5	3,625.0					
12+00			55.0							
		50.0		57.5	2,875.0				Measured By: RF7, RBR	9-18-0
12+50			60.0							
		50.0		61.0	3,050.0					
13+00			62.0							
		50.0		58.5	2,925.0					
13+50			55.0							
		50.0		51.0	2,550.0					
14+00			47.0							
		40.0		46.0	1,840.0	9-30-07	<i>277</i>	5	Seeded & Mulched 10-	2-07
14+40	-L- Lt.		45.0						Pd. 1.392 ac. By: 772 10-	7-07
			Page	7otal:	27,365	0.628 ac.	9-30-07	9.40	Checked By: ML7	
	İ			ı	1				Date: 6-19-07	
	footage shoul									
	nd page totals age summary a		•		<del>                                     </del>					

		ı	ı			13 Ac. C			
Station Loc	Length	Width	Avg. Width	57	Acres	Dat	re	Initials	Remarks
15+55 RtL-		10.0							
	65.0		32.5	2,112.5		10-10-	-07	EZN	
16+20 RtL-		55.0							
	80.0		59.5	4,760.0					
17+00 RtL-		64.0							
	100.0		61.5	6,150.0					
18+00 RtL-		59.0							
	100.0		53.5	5,350.0					
19+00 RtL-		48.0							
	100.0		51.5	5,150.0					
20+00 RtL-		55.0							
	145.0		48.5	7,032.5		10-10-	-07	ERN	
21+45 RtL-		42.0							
45.155 4 544 4		(0.0							
15+55 -L- Med.	7000	60.0		05.400.0		10 10			The course feeters should be
	590.0		60.0	35,400.0		10-10-	-07	ERN	The square footage should be converted to acres for estimates ar
21+45 -L- Med.		60.0							page totals and not for each entr
									Only show the page summary at the
									bottom of the page.
									ostoni or the pube.
		Page	7otal	65,955.0	1.514	10-10-	-07	ERN	Checked By: WMA
									Date: 11-2-07

Code #116 Special	ized Hand Mowing				12	? MH @	12		
Station	Location	Start	Stop	#	# of	Man	Date	Initials	Remarks
				Hours	Men	Hours			
15+50 - 21+75	Lt. & RtL-	10:05	10:50	0.8	3	2.4	10-15-07	WLM	Guardrail
		am	am						
39+20 - 46+35	Lt. & RtL-	11:10	11:50	0.7	3	2.1	10-15-07	WLM	Guardrail
		am	am						
58+60 - 60+40	-L- Med.	12:40	1:05	0.4	2	0.8	10-15-07	WLM	Guardrail
		þm	pm						
10+00 - 78+00	Lt. & RtL-	1:15	2:25	1.2	2	2.4	10-15-07	WLM	Signs throughout
		pm	pm						
10+00 - 14+15	Lt. & RtV-	2:45 pm	3:50 pm	1.1	2	2.2	10-15-07	WLM	Slopes, signs, poles
			Page &	Project	7otal	9.9	10-15-07	WLM	
									Checked By: CLX
									Date: 11-15-07

Station	Location	No. Bags	Bag Weight	Lbs.	Date	Initials	Remarks
115+00							
		3	50.0	150.0	10-10-07	ERN	Channel Change Area for
118+50							Culvert
18+00		1	50.0	50.0	10-11-07	ERN	Quadrant A -U24-
18+00 +/-							
		4.5	50.0	225.0	12-15-07	CD C	Stockpile for W. Walker
10+00 +/-							Borrow Pit
		Page	7otal	425.0	12-15-07	ed e	
							Checked By: WMA
							Date: 12-21-07

e Coae +	FII8 Fertiliz	zer 7op Dressia	ig				0.8	Ton @ #622.	<i>50</i>	6
Station	Station	Location	No. Bags	Bag Wt.	<i>L</i> 6.	7ons		Date	Initials	Remarks
9+50	25+00	Rt L -	6	50	300			5-23-07	ひしてひ	Slopes only
0+00 22+15	Rt L -	20	50	1,000			10-2-07	TWR	Slopes and Shoulders	
		Page &	Project	7otal:	1,300	0.650		10-15-07	TWR	
										Checked By: ML7  Date: 11-19-07

ı #127 Refo	restation			o Heres	@ <i>\$2,850.00 ;</i>	<del>4</del> cre		18
Station	Location	Length	Width	Avg. Wid.	<i>S.7.</i>	Date	Initials	Remarks
Sheer								
8+ <i>50</i>	-L- Rt.		38.0			1-2-08	<i>R</i> 77	Measured By: RBR
		1675.0		46.0	77,050.0			Date: 12-15-07
25+25	-L- Rt.		54.0					
		425.0		42.0	17,850.0			
29+50	-L- Rt.		30.0					
		1125.0		31.0	34,875.0			
40+75	-L- Rt.		32.0					
Sheer								
8+00	-L- Lt.		24.0					
		1100.0		24.0	26,400.0			
19+00	-L- Lt.		24.0					
		1300.0		32.0	41,600.0			
32+00	-L- Lt.		40.0					
		875		33.5	29,312.5			
40+75	-L- Lt.		27.0			1-2-08	<i>277</i>	
Sheer								
			Page	7otal	227,087.5			
								Checked By: 772

Station	Station	Location		27	Date	Initials	Remarks
9+50	11+80	-U1-Rt.		230.0	3-08-07	REC	70e of Slope
22+00+/-	24+50+/-	-L-Rt.		254.0	3-11-07	REC	
16+00+/-		-L-		126.0	8-12-07	REC	Across Toe of Bridge Fill Slope
35+50+/-	37+00+/-	-L- Lt.		312.0	8-12-07	REC	50' Lt Top of Streambank on
							both sides.
		Page	7otal:	922.0	9-15-07	W7A	
							Checked By: 772
							Date: 9-22-07

Station	Station	Loc.	Length	Width	57	SU	Date	Initials	Remarks
			(27)	(27)		·			
0+50+/-	11+80+/-	-L-Rt.	134.0	8.00	1,072.00	119.11	5-11-07	WLW	
11+00	11+25	-42-Rt.	25.0	8.00	200.00	22.22	5-12-07	WLW	
1+30+/-	11+90+/-	-L2-Lt.	62.0	15.67	971.54	107.95	5-15-07	WLW	Ditchline
0+50+/-	11+90+/-	-L2-Rt.	144.0	15.67	2,256.48	250.72	5-15-07	WLW	Ditchline
51+20+/-	163+15+/-	-L2-Rt.	97.0	8.00	776.00	86.22	5-15-07	WLW	Shoulder
165+80	166+50	-L2-Rt.	70.0	15.67	1,096.90	121.88	5-15-07	WLW	
10+40	11+16	-41-Lt.	76.0	8.00	608.00	67.56	5-15-07	WLW	
12+80		-L-Rt.	118.0	8.00	944.00	104.89	5-15-07	WLW	Along top of Culvert and
									Wings
5+20+/-	17+70+/-	-L-Lt.	253.0	8.00	2,024.00	224.89	5-15-07	マレユマロ	Shoulder
									Pd. 1,105.44 SU Est. #4
									By: JAD Date: 6-1-07
			Page	7otal:	9,948.92	1,105.44	6-1-07	JAD	Checked By: MLF
			·					•	Date: 6-19-07

	%			Amount			Est.	
Co	mplete			Paid	Date	Initials	#	Remarks
2	50%			\$40,000.00	6-7-07	AAA	2	
23	5.0%			\$20,000.00	7-7-07	AAA	3	
23	5.0%			\$20,000.00	8-7-07	AAA	4	
			7otal:	\$80,000.00		w7.4		
•		leted 8-7-07	in	No		ages for payi		e determined by Section 1413 of as.
	terms of the c		_					
signea:	Resident Eng		_					Checked By: 772
1	1	I	_					Date: 12-19-07

				7otal	207	Municipal			
Station	Station	Loc.	Lt./Rt.	Length	Portion	Portion	Date	Initials	Remarks
			_						
323+60	326+00	-L-	Rt.	240.4	207.781	32.619	7-26-07	RML	Municipal cost at \$5.00 L7 =
									$((5 36.85) \times 240.4) = 32.619 LF$
									Manhole A to -44- Tested and
									ox
326+00	336+00	-L-	Rt.	1,006.7	870.106	136.594	8-18-07	RML	Municipal cost at \$5.00 L7 =
									((5 36.85) x 1006.7) =136.594 LF
	Page &	Project	7otal	1,247.1	1,077.887	169.213	8-18-07	RML	
									1
Pipe le	ngths are me	easured th	nrough 📙	1					/
_	bends, tee		· ·						
		, ,	, T						
						. 1			
Municipa	al costs or no	onparticip	oating cost	s associate	d with utilities	s			Calculated By: RML
are addı	ressed in	Municipa	l Agreen	nents exec	cuted by the	;			Date: 8-18-07
Departme	ent prior to	construct	ion. Con	tact the Uti	lity Agent for	:			
1 3		1.0			discuss how it	1 1 /			
	1	5 5			uted are based	1 1 /			Checked By: ML7
					ke certain any	$\square$ /			Date: 1-19-08
					c., are clearly	1 /			
	•				such as pipe,				
_					Due to the				
-	•	_	_		recommended				
				a Estimat ay Record	e Work Book	•			

Line Code #168 Generic Utility Item 10" Gate Valve & Valve Box, 200# WP

3 Ea. @ \$2,250.00

26

							Est.	
Station	Location			Each	Date	Initials	#	Remarks
302+25	-L1-Rt.			1.0	3-05-07	<b>7</b> BA	3	
12+45	-U-Lt.			1.0	3-21-07	7BA	3	Pd. 2.0 Ea. 4-01-07
								By: RF7
170+30	-L- Rt.			1.0	4-07-07	784	4	
220+80	-L-Rt.			1.0	4-22-07	784	4	Pd. 2.05-01-07
								By: R77
28+05	-43-Rt.			1.0	5-17-07	78A	5	Pd. 1.0 Ea. 6-01-07
								8y: R77
	Page &	Project	7otal	5.0	6-02-07	KLR		

Line Code #172 4' Diameter Utility Manhole 0-6' Depth

5 Ea. @ \$2,550.00

#173 4' Diameter Utility Manhole Wall over 6' Height 8.9 L7 @ \$275.50

				9tem #172	9tem #173			
Station	Location	Str. #	Height	EA. (0-6')	L7 (>6')	Date	Initials	Remarks
7+30	RtL-	17	5.8'	1		916107	L7.7	
12+45	RtL-	20	6.7'	1	0.7	9 2 07	127	
17+38	RtL-	24	8.3	1	2.3	9 30 07	127	
22+76	RtL-	31	9.8'	1	3.8	10 12 07	<i>1</i> 27	
28+05	RtL-	36	10.1	1	4.1	10 20 07	127	
	9tem #172	Page	7otal =	5		10 20 07	<i>1</i> 27	
	9tem #173	Page	7otal =		10.9	10 20 07	127	
		Project	7otal =	5 Ea.	10.9 LF	10 20 07	127	Checked By: RDM
								Date: 12-15-07

<b></b>			ш,	•	<b>6</b> (		y @ \$875.0		6 /
Station	Location	Sign #	# of	Dia.	Depth	*CY.	Date	Initials	Remarks
			Footings	(Ft)	(Ft)				
280+00	RtL-	101,4, 1018	2	2.0	4.5	1.047	10 20 99	ADC	
305+00	RtL-	102	3	2.5	6.0	3.272	10 20 99	ADC	
332+25	RtL-	103A, 103B	2	2.0	6.0	1.396	10 20 99	ADC	Extra Depth Footing.
									per Resident Engineer.
350+50	RtL-	104	2	2.0	4.5	1.047	10 20 99	ADC	
381+00	RtL-	105A, 105B	2	2.5	6.0	2.181	10 22 99	ADC	
423+00	LtL-	106,4, 1068	2	2.0	4.5	1.047	10 22 99	ADC	
503+00	LtL-	107	3	2.0	4.5	1.571	10 22 99	ADC	
484+00	LtL-	108,4, 1088	2	2.0	4.5	1.047	10 22 99	ADC	
525+90	LtL-	109.4, 1098	2	2.0	4.5	1.047	10 22 99	ADC	
	of footings x π	D <sup>2</sup> /4) x Depth)/2	27						
				Page	7otal	13.655	10 22 99	258	Checked By: WTA

Station	Location	Sign #		Lb.	Date	Initials	Est. #	Remarks
280+00	Rt L-	101.4, 1018		635.0	10-12-07	KLR	6	
305+00	RtL-	102		4,587.0	10-15-07	KLR	6	
<i>332+25</i>	RtL-	103A, 103B		879.0	10-15-07	KLR	6	
350+50	Rt1-	104		2,035.0	10-19-07	KLR	6	Pd. 8, 136. 0 Lb. Est. #6
381+00	RtL-	105.4, 1058		930.0	10-24-07	KLR	7	by: 772 10-22-07
423+00	LtL-	1064, 1068		942.0	10-24-07	KLR	7	
503+00	LtL-	107		1,047.0	11-16-07	KLR	7	
484+00	LtL-	1084, 1088		605.0	11-16-07	KLR	7	
525+90	LtL-	109A, 109B		641.0	11-16-07	KLR	7	Pd. 4,165.0 Lb.
								Est. #7
	From computed nominal weights in final revised plans.		7otal	12,301.0	11-16-07	KLR		by: 772 11-22-07

				7ype	No.				
Station	Loc.	Lt.  Rt.	Sign No.	Support	Supports	Lb.	Date	Initials	Remarks
									, communication of the communi
126+00	-L-	<b>27</b> .	102	W8X28	3	2,123.0	3-25-07	UGD	Installed according to Plans
53+55	-L-	<b>27</b> .	104	W8X28	2	1,417.0	4-10-07	ngo	Installed according to Plans
88+95	-2-	<b>27</b> .	101	W8X28	3	2,138.0	4-12-07	NGD	Installed according to Plans
144+00	-L-	<i>1</i> 7.	103	W8X28	2	1,446.0	9-25-07	NGD	Installed according to Plans
			Page &	Project	7otal:	7,124.0	9-28-07	VGD	
Th	is does	not include	e the weight	s					
		ts, or wash							
									Checked By: WFW
									Date: 11-19-07

Location	Sign #		Zuantity	Date	Initials	Remarks
RtL-	1018		1	11-22-07	ALJ	
RtL-	102		1	11-22-07	ALI	
RtL-	1038		1	11-22-07	ALJ	
Rt1-	1058		1	11-23-07	ALI	
LtL-	1068		1	11-23-07	ALI	
LtL-	107		1	11-23-07	ALIJ	
LtL-	1088		1	11-28-07	ALI	
LtL-	1098		1	11-28-07	ALI	
Page and	Project	Total:	8 Ea.	11-28-07	ALI	
						Checked By: CMI)
						Date: 12-5-07
Note: Type A, E	B, C, D, E,	and milen 	narker signs are t	he same.		
	RtL-  RtL-  RtL-  LtL-  LtL-  LtL-  Page and	RtL-       1018         RtL-       102         RtL-       1038         RtL-       1058         LtL-       1068         LtL-       107         LtL-       1098         Page and       Project	RtL-       1018         RtL-       102         RtL-       1038         LtL-       1058         LtL-       1068         LtL-       107         LtL-       1098         Page and       Project       7otal:	RtL-       1018       1         RtL-       1028       1         RtL-       1038       1         LtL-       1058       1         LtL-       1068       1         LtL-       107       1         LtL-       1088       1         LtL-       1098       1         Page and       Project       7otal:       8 Ea.	Zt L-       1018       1       11-22-07         Zt L-       102       1       11-22-07         Zt L-       1038       1       11-22-07         Zt L-       1058       1       11-23-07         Lt L-       1068       1       11-23-07         Lt L-       107       1       11-23-07         Lt L-       1088       1       11-28-07         Lt L-       1098       1       11-28-07	RtL-       1018       1       11-22-07       AL9         RtL-       102       1       11-22-07       AL9         RtL-       1038       1       11-22-07       AL9         RtL-       1058       1       11-23-07       AL9         LtL-       1068       1       11-23-07       AL9         LtL-       107       1       11-23-07       AL9         LtL-       1088       1       11-28-07       AL9         LtL-       1098       1       11-28-07       AL9         Page and       Project       7otal:       8 Ea.       11-28-07       AL9

ation	Lt./Rt.	Structure		Complete	Amount	Date	Initials	Remarks
0+10- <i>L</i> -	Rt.	Cantilever		100%	\$32,545.00	7-29-07	ANF	
		Page &	Project	7otal:	\$32,545.00	8-5-07	587	
		  vas completed 7-29  he terms of the c						
		M. Resident, PE						
		Resident Engineer						
								Checked By: MLF
								Date: 8-19-07

tation	Location	Structure		Complete	Amount	Date	Initials	Remarks
30+10	-L- Rt.	Cantilever		100%	\$5,725.00	7-29-07	AU7	
		Page &	Project	7otal:	\$5,725.00	8-5-07	MLX	
	, that this item w 07 in accordance utract.							
_		N. Resident, PE Resident Engineer						
								Checked By: ML7
								Date: 8-19-07

ne Coue me		ion 12" Traf	zee Segnae	Treums	11 Du. Q	), <i>\$775.00</i>	40
Station	Line	Lt./Rt.		Quantity	Date	Initials	Remarks
94+00	-L-	Rt.		2	3-16-07	RSA	@ Wolf Zd.
92+75	-L-	Rt.		2	3-16-07	RSA	@ Wolf Zd.
14+50	W-17-	Rt.		1	3-16-07	RSA	@ Wolf Zd.
93+50	-L-	Lt. & Rt.		2	3-26-07	RSA	@ Wolf Rd.
126+40	-L-	Rt.		1	7-29-07	UGD	@ Walker St.
126+45	-L-	Rt.		1	7-29-07	VGD	@ Walker St.
127+50	-2-	Rt.		2	7-29-07	VGD	@ Walker St.
		Page	7otal:	11 Ea.	7-29-07	NGD	
							Checked By: TBA
							Date: 8-19-07

ve Code #204	Traffic Signal Sc	gns		63 Each	h @ \$145.0	00 42
Station	Line	Num	bor	Date	Initials	Remarks
94+00	-L-	1		3-16-00	PSP	only
92+75	-L-	1		3-16-00	PSP	LT. TURN
14+50	<i>U-17-</i>	1		3-16-00	PSP	LT. TURN
93+50	-L-	1		3-26-00	PSP	RT. TURN
126+40	-L-	1		7-29-00	JPH	UIELD
126+45	-L-	1		7-29-00	JPH	USLD
127+50	-L-	1		7-29-00	JPH	RT. TURN
	Page	7otal: 7 E	a.	7-29-00	JPH	
						Checked By: ML7
						Date: 8-19-00

ine Code #20i	8 Messenger	Cable, 3	18"		600	L7 @ \$3	. 75	44
Int. No. (Station)	(Station)			27	Date	Initials	Est. #	Remarks
10+15	10+95			122.0	3-16-07	PSP	4	
Intersect. #3				195.0	3-16-07		4	
315+00	315+40			227.0	3-16-07		4	Pd. 544.0 L7 Est. #4
						, -,		By: ML7 4-1-07
		Page	7otal:	544.0	4-1-07	MLX		
NOTE: See  • Aerial me					pole to pole.			
	leration for s			ontaily Holli	poie to poie.			Checked By: ML7
								Date: 9-19-07

ine Code #218	Inductive Loop Sawcut			2,540 LF (	@ <i>\$ 4.10 L</i>	7	46
9nv. # (Station)	Location		L.7.	Date	Initials	Est. #	Remarks
13-0970	-L- Lt. LN. (6B)		208.0	10-19-07	978	8	6X60 Loop
13-0970	-L- Rt. LN. (6A)		220.0	10-19-07	978	8	6X60 Loop
13-0970	-L- Turn LN. (1A)		234.0	10-19-07	978	8	6X60 Loop
13-0970	-L- Lt. LN. (S19)		32.0	10-20-07	978	8	6X6 Loop
13-0970	-L- Rt. LN. (S18)		46.0	10-20-07	978	8	6X6 Loop
13-0970	-L- Turu LN. (S17)		54.0	10-20-07	978	8	6X6 Loop
		7otal	794.0				
							Checked By: ML7
							Date: 1-19-08

Station	Station	Location	Length	17	Date	Initials	Est. #	Remarks
0+00+/-	24+00+/-	-L-Rt.	6@10′	60.0	6-08-07	ERS	4	White Skips. Map #8
0+00+/-	24+00+/-	-L-Lt.	60@10'	600.0	6-08-07	ERS	4	White Skips, Map #8
0+00+/-	63+65+/-	-L-Rt.	161@10'	1,610.0	6-08-07	ERS	4	White Skips. Map #9
0+00+/-	63+65+/-	-L-Lt.	168@10'	1,680.0	6-08-07	ERS	4	White Skips, Map #9
0+00+/-	63+65+/-	-L-Lt.	17@2'	34.0	6-08-07	ERS	4	White Mini Skips, Map #9
0+00+/-	118+00+/-	-L-Rt.		11,954.0	6-08-07	ERS	4	White Edgeline Map #8
0+00+/-	118+00+/-	-L-Lt.		11,820.0	6-08-07	ERS	4	Nellow Edgeline Map #8
21+00+/-	10+00+/-	-42- CL.	1,104.0	2,208.0	6-08-07	ERS	4	Double Wellow Centerline Map #8
								Checked By: ML7
			Page Total	29,966.0				Date: 6-19-07

					Total			
Station	Loc.	Lt./Rt.			Quantity	Date	Initials	Remarks
285+00	-L-	Rt.			1	10-19-07	978	NBL - Rt. Turu Lane
285+50	-L-	Rt.			1	10-19-07	978	NBL - Rt. Turu Laue
288+25	-L-	Lt.			1	10-21-07	KL7	SBL - Rt. Turu Lane
290+75	-L-	Lt.			1	10-21-07	XL7	SBL - Rt. Turn Lane
			Page	7otal	4	10-21-07	<i>KL</i> 7	Checked By: ML7
								Date: 1-19-08

Station	Station	Location		Length		Date	Initials	Remarks
11+95	22+10	Lt L -		1,015		11-08-07	WLW	
12+00	12+56	Lt L -		56		11-08-07	WLW	
65+80	166+90	LtL2-		42		4-18-07	WLW	
66+90	170+51	Rt L2		361		4-18-07	マロユマロ	
6+80	9+60	Rt L -		80		5-01-07	マロユマロ	
9+75	10+50	Rt L -		75		5-01-07	マロユマロ	
3+58	10+15	Lt L -		657		5-01-07	マレノマロ	
10+15	11+20	Lt L -		42		5-01-07	WLW	Mini-Skips 2' long-21
								ea.
		Page	7otal:	2,328	27	7-2-07	TWR	Checked By: ML7
								Date: 6-19-99

Station	Station	Location		Quantity	Date	Initials	Remarks
				(Each)			
210+00	394+80	Rt L -		462	4-08-07	WLW	NBL - 9-95
210+50	396+80	Rt L-		488	4-13-07	WLW	SBL - 9-95
10+50	11+80	RtLt. C		18	4-18-07	ひしてひ	Gore
12+30	11+80	Rt Lt. A		20	4-18-07	WLW	Gore
10+50	11+80	Rt Lt. B		16	4-18-07	マレエフレ	Gore
10+50	11+80	RtLt. C		22	4-18-07	WLW	Gore
		Page	Total:	1,026	7-2-07	TWR	
							24 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
							Checked By: ML7 Date: 8-19-07

Station	Location	Sign No.	Size	57		Date	Initials	Remarks
10+50+/-	Rt.	W20-1	48"x 48"	16.0		1-22-07	LLA	Road Work Ahead
2+00+/-	Rt.	SP-03353	48"x 48"	16.0		1-22-07	LLA	Begin Road Work
71+00+/-	Rt.	G20-2A	48"x 24"	8.0		1-22-07	LLA	End Road Work
35+00+/-	Lt.	2020-1	48"x 48"	16.0		1-22-07	LLA	Road Work Ahead
76+00+/-	Lt.	SP-03353	48"x 48"	16.0		1-22-07	LLA	Begin Road Work
7+00+/-	Lt.	G20-2A	48"x 24"	8.0		1-22-07	LLA	End Road Work
								Checked By: ML7
		Page	Total:	80.0	57	2-23-07	TWR	Date: 6-19-07

ine Code #260	0 Drums				422 Ea.	@ \$45.00	58
Station	Station		Locations	7otal	Date	Initials	Remarks
12+00+/-		SBL Clos	ures for Median Work	428	6-29-07	MX7	Maximum number of drums on the project at one time.
				428 Ea.	6-29-07	mx7	
maximun any one t project. Contractor	ractor is only p quantity of Drun time during the In this exa r has placed 428 at the same time.	ns in use at life of the umple, the	Note: The m	ethod of mea	asurement	for traffic of	control items such as drums, cones,
			barrica flashin and tru	des, portable g arrow pane	work zone els, change mpact atte	e signs, barri eable messag nuators is th	cade mounted work zone signs, Type ge signs, warning flags, warning light the maximum number operating or in u
							Checked By: MLF

		<u> </u>			T			<i>\$2,900.00</i>	
Station	Loc.	Lt.  Rt.				7otal	Date	Initials	Remarks
452+00	-L-	Rt.				1	8-19-07	247.7	Temporary Laue Closures
846+90	-L-	Lt.				1	8-19-07	247	7emporary Lane Closures
104+23	-L-	Lt./Rt.				1	11-21-07	LZM	Additional Panel Required - Closure of -U35- due to sinkhole
<u> </u>									All panels in use on this date.
			Page	Project	7otal:	13 Ea.	12-2-07	<i>m</i> 27	Approved by RE - 11-21-07
_ maximur _ any one _ project. Contracte	n quantity time duri In thi	only paid of panels in the life example aced 3 pare time.	in use at e of the the	No	barric Type warni	ades, por C flashi ng lights	table work zo ng arrow pan and truck mou	one signs, els, chango nted impac	control items such as drums, cones barricade mounted work zone sign eable message signs, warning flaget attenuators is the maximum number the life of the project.
									Checked By: ML7 Date: 1-19-00

_							_		
Station	Loc.	Lt./Rt.				7otal	Date	Initials	Remarks
435+60	-LRev	Rt.				1	8-24-98	GTP	Approach end of barrier - Phase I
23+85	-44-	Rt.				1	9-3-98	GTP	Approach end of barrier-Phase 9
									Added to project.
			Page &	Project	7otal:	Z Ea.	10-2-99	MX7	
	tractor is o	• •							
maximun any one project. I has place	nn quantity o time during In this examp d 2 TIMAs i	of TMIAs in g the life ple, the Cor	n use at of the ntractor	Note	barricad C flash lights a	les, portabing arrow	e work zone panels, cha	e signs, bar ingeable m act attenua	rricade mounted work zone signs, Tynessage signs, warning flags, warn
maximun any one project.	nn quantity o time during In this examp d 2 TIMAs i	of TMIAs in g the life ple, the Cor	n use at of the ntractor	Note	barricad C flash lights a	les, portabing arrow	e work zone panels, cha	e signs, bar ingeable m act attenua	control items such as drums, conercicade mounted work zone signs, Tynessage signs, warning flags, warnitors is the maximum number operate of the project.
maximun any one project. I has place	nn quantity o time during In this examp d 2 TIMAs i	of TMIAs in g the life ple, the Cor	n use at of the ntractor	Note	barricad C flash lights a	les, portabing arrow	e work zone panels, cha	e signs, bar ingeable m act attenua	rricade mounted work zone signs, Tynessage signs, warning flags, warn tors is the maximum number operat

Station	Loc.	Lt./Rt.				7otal	Date	Initials	Remarks
435+60	-LRev	Rt.				1	8-24-07	GTP	Used to repair TMIA due to
								,	collision on 8-24-07.
			Page &	Project	7otal:	J Ea.	10-2-07	MX7	
he Contr	actor is on	ly paid fo	or the						
MIA repa	ir packages	that are ac	tually 🔛						
MIA repa	actor is on air packages air TMIAs o	that are ac	tually 🔛						
MIA repa	ir packages	that are ac	tually 🔛						
MIA repa	ir packages	that are ac	tually 🔛						
MIA repa	ir packages	that are ac	tually 🔛						
MIA repa	ir packages	that are ac	tually 🔛						
MIA repa	ir packages	that are ac	tually 🔛						
MIA repa	ir packages	that are ac	tually 🔛						Checked By: ML7

Line Coae H200	Changeable Message Signs	<b>2</b>			a. @ \$22,0		68
	Locations			7otal	Date	Initials	Remarks
7	NBL and SBL at ends of project	t and -UZ-		3.0	7-25-07	MX7	Maximum number of CMS operating on the project at one time.
		Project	Total:	3.0 Ea.	8-3-07	9KL	on the project of one time.
The Contractor is only paid for the total uantity of CMS in place and operating t any one time during the project. In his example, the Contractor has placed							
CMS in operation	at the same time.	ba fla tru	rricades, ishing arr ick moun	portable worl ow panels, ch	x zone signs angeable menuators is t	s, barricad essage sig he maxim	rol items such as drums, cones, le mounted work zone signs, Type Cons, warning flags, warning lights and the number operating or in use at any
		Note:				•	the 1995 Standard Specificationsadditional information
							Checked By: ML7
							Date: 1-19-08

ine Code #26	1 Flagger			26 MD (C	D <b>\$450.0</b> 0	)	70
Station	Location	# Flaggers	# Man-Days	Date	Initials	Est. #	Remarks
<i>34+75</i>	-41-	2	2	10-29-06	WLW		Laid x-line under US 158
<i>68+55</i>	-42-	2	2	02-15-07	WLW		Sawing pavement for x-lines
88+ <i>50</i>	-43-	2	2	02-21-07	20220		Wedging -43-
109+10	-44-	2	2	02-23-07	20220		Wedging -44-
20+50	-L-	3	3	05-06-07	20220		Pipe x-line
35+50	-L-	4	4	11-07-07	WLW		Pipe x-line
35+50	-L-	4	4	11-08-07	WLW		Pipe x-line
44+50	-L-	3	3	12-01-07	20220		Paving
44+50	-L-	2	2	12-03-07	20220		Paving
48+50	-L-	5	5	12-08-07	20220		Paving
48+50	-L-	3	3	12-09-07	WLW		Paving
48+50	-L-	5	5	12-10-07	WLW		Paving
		Page Total:	37	1-3-08	<i>5</i> 87		
							Checked By: ML7
							Date: 1-3-08

				#	Length	7otal			
Station	Station	Loc.	Lt./Rt.	Sections	Sections	Length	Date	Initials	Remarks
156+00	176+00	-L-	Rt.	232	10'	2,320.0	8-30-07	LXM	Placed for Phase I Traffic Shift
176+00	199+00	-L-	Rt.	251	10'	2,510.0	8-31-07	LXM	Placed for Phase I Traffic Shift
33+45	39+65	-43-	Lt.	66	10'	660.0	9-23-07	gzy	Add by Resident Engineer 9-22-99
									Per traffic Safety Review.
221+00	256+00	-LReu-	Lt.	356	10'	3,560.0	10-1-07	LXM	Additional added for Phase 19
									Traffic Shift
				Page	7otal:	9,050.0	11-2-07	MX7	
									Checked By: ML7
									Date: 1-19-08

Station	Loc.	Lt./Rt.		Complete	7otal	Date	Initials	Remarks
336+85.45	-LRev	Rt.		50%	\$7,500.00	2-23-98	224	Phase I
336+85.45	-LRev	Rt.		50%	\$7,500.00	3-19-99	<i>4</i> 77	Phase II
		Page &	Project	7otal:	\$15,000.00	4-2-99	MX7	
		,	,					
9 certify that 3-19-99 in								
of the contract		cia ine term	e					
•	ed: <u>9. M.</u>	Resident, ut Engineer	PE					
								Checked By: ML7
								Date: 1-19-00

:Code #270 	O Class A	Concrete, (	<u>Gulvert</u>		894.5 ( 	CU @ \$374	<i>7.50</i>	17
Station	Loc.	Lt./Rt.	Size		CU	Date	Initials	Remarks
183+55.72	-LReu	Lt.  Rt.	2-8x8		105.7	2-13-98	247	Floor Slab - Plan Quantity
183+55.72	-LReu	Lt.   Rt.	2-8x8		88.6	2-22-98	247	Center Vertical Wall - Plan Quantity
183+55.72	-LReu	Lt.   Rt.	2-8x8		235.6	2-23-98	247	2 - Exterior Walls - Plan Quantity
183+55.72	-LReu	Lt.   Rt.	2-8x8		115.6	3-7-98	DDG	Roof Slab - Plan Quantity
183+55.72	-LReu	Lt.	2-8x8		25.4	3-10-98	DDG	Wing Walls - Plan Quantity
183+55.72	-LReu	Rt.	2-8x8		25.4	3-11-98	DDG	Wing Walls - Plan Quantity
								Culvert Concrete Complete 3-11-98
				Page	Total:	596.3	4-2-98	Pd. Est #5 MK7
								Checked Ey: ML7
	Τ '					T '		Date: 6-19-99

Station	Lt./Rt.		Complete		Pay Amount	Date	Initials	Remarks
5+23.11-L-	Rt.		50%		\$18,250.00	6-7-99	EXC	Phase I removal
5+23.11-L-	Rt.		50%		\$18,250.00	10-21-99	BKC	Phase II removal
		Page &	Project	7otal:	<i>\$36,500.00</i>	12-16-99	BKC	
9 contilu that a	this item was c	ampleted						
•	nce clem was ex recordance with							
of the contract.								
V								
Signe		Resident, PE						
	Resident	Engineer						
								Checked By: ML7
								Date: 1-19-00

Station	Loc.	Lt./Rt.		Complete	Amount	Date	Initials	Remarks
341+34.54	-L-	Lt.		60%	\$7,500.00	6-23-98	747	Note: Footing elevation was
771 1 37.57		20.		0070	#1,500.00	0 25 78	$\frac{\pi \wedge I}{}$	lowered 1.5'by X. J. Morris -
341+34.54	-L-	Lt.		40%	\$5,000.00	11-21-98	978	Bridge Construction Engineer
								No additional compensation per
								Section 410 of the Standard
								Specifications.
		Page &	Project	7otal:	\$12,500.00	12-9-98	mx7	
					Note: Foundation	Excavation can a	also be mea	asured by Cross-section method. Se
								See Unclassified Excavation or Borr
	+				Excavation	for examples of	measureme	ent and documentation.
	his item w	as combleted.						
• •		•	. 14/.					
'-21-98 in a		•	r of the					
1-21-98 in a		•	r of the					
'-21-98 in a outract.	ccordance d	with the terms	v					
'-21-98 in al outract.	ccordance o d: <u>9. M</u>	•	v					
1-21-98 in al outract.	ccordance o d: <u>9. M</u>	with the terms U. Resident,	v					
certify that t 1-21-98 in a ontract. Signed	ccordance o d: <u>9. M</u>	with the terms U. Resident,	v					
1-21-98 in al	ccordance o d: <u>9. M</u>	with the terms U. Resident,	v					Checked Ey: ML7

Station	Loc.	Lt./Rt.	Bent #	Pier#	17	Date	Initials	Remarks
017+89.23	-41-	Rt.	2	2	22.4	3-2-98	PXM	
017+89.23	-41-	Lt.	2	1	17.2	3-4-98	PXM	
018+69.23	-41-	Rt.	3	2	26.1	3-6-98	247	
018+03.23	-41-	Lt.	3	1	16.2	3-10-98	247	
019+49.23	-41-	Rt.	1	2	7.4	3-14-98	gzy	
019+49.23	-41-	Lt.	1	1	13.9	3-19-98	gzų	
			Page	7otal:	103.2	4-9-98	MX7	
			,					

rtion	Rt.  Lt.					Date	Initials	Remarks
	740.720						7.555555	- Admino
— <u>Note</u>	es for Unclassific	ed Structure Exc	cavation:					_
								_
	-	•	•	•	_			me calculation when field _
r	neasurements are	e taken. These c	calculations c	an also hav	e deduction	ns for pave	ement remo	oval, if necessary.
	Omiginal amaga ga	ations should be	nloand in the	Dov. Door	d Dooles w	uhan tharra	ma talram I	Final areas spations should =
	oe recorded in the		-	•		men mey a	ire taken. 1	Final cross-sections should —
ι	be recorded in the	e I ay Record Do	oks when the	ey are carcu	naicu.			
	When cross-secti	ons are taken, th	ev mav be ca	alculated by	the follow	ving proced	lures:	_
5.	vinen cross seen	ons are taken, th	icy may be ev	incurated by	the follow	ing proces	iaics.	_
	<ul> <li>Plotted</li> </ul>	on cross-section	sheets and v	olumes calc	culated usin	ng the ave	age-end ar	ea method.
	• Comput	ted by Photogram	mmetry with	original ag	rial photoc	rommeter	ic cross sa	ctions and theoretical final _
		ections provided				grammeter	1033 300	ctions and theoretical final_
	Cross se	etions provided	by the Resid	ent Engine				_
— 4. I	Plan quantities m	nay be used to es	stimate the m	onthly qua	ntities for	partial pay	ment estim	ates. These computations –
	should be clear	ly documented	in an Estin	nate Work	Book an	d verified	with the	Structure Contractor or -
s								
\$	Subcontractor or	n a daily basis			ture excav	_		t is recommended to be _
\$		n a daily basis			ture excav	_		
S	Subcontractor or conservative in e	n a daily basis stimating the am	ount for payı	ment each p	ture excav period until	_		
S	Subcontractor or	n a daily basis stimating the am	ount for payı	ment each p	ture excav period until	_		
S	Subcontractor or conservative in e	n a daily basis stimating the am	ount for payı	ment each p	ture excav period until	_		
S	Subcontractor or conservative in e	n a daily basis stimating the am	ount for payı	ment each p	ture excav period until	_		
S	Subcontractor or conservative in e	n a daily basis stimating the am	ount for payı	ment each p	ture excav period until	_		
S	Subcontractor or conservative in e	n a daily basis stimating the am	ount for payı	ment each p	ture excav period until	_		

Line Code #28.	5 Reinf	orced Conc	ete Deck S	Slab	27,660 S7 @	\$14.24	<i>52</i>
Structure	Span #			57	Date	Initials	Remarks
23+56.23-L-	1			2,305.0	10-29-98	מעשי	Per plans
/	2			2,305.0	2-15-98	20220	/
	3			2,305.0	2-21-98	20220	
	4			2,305.0	2-23-98	20220	
	5			2,305.0	5-06-98	20220	
	6			2,305.0	11-07-98	WLW	
	7			2,305.0	11-08-98	we we want	
	8			2,305.0	5-01-99	20220	
	9			2,305.0	5-03-99	20120	
/	10			2,305.0	5-08-99	20120	
	11			2,305.0	5-09-99	20LW	
33+16.23-L-	12			2,305.0	5-10-99	WLW	Per Plans
	Page &	Project	7otal:	27,660.0	7-15-99	TWR	
							Checked By: ML7
							Date: 6-19-99

		Floors		1		5,220 SF		0 1	
Station	Rt.  Lt.	Span				57	Date	Initials	Remarks
103+35.85	Lt.   Rt.	"A"				1992.9	9-23-98	DX7	Completed satisfactorily.
	L- Ahead	Span "A" De	rck —						
2									
<u> </u>	$\widehat{\mathcal{A}}$		<b>A</b>	0.5 x 3.2	x 38.4 = 6	51.4			
	38.4		8	38.4 x 49.	1 = 1,885	5.4			
	50,4		@	0.5 x 2.4 x	38.4 = 4	6.1			
.1	<b>8</b>		Span "A"	Total:	1,992.9				
	Span "A" Groved Ar	ea							
.4				Page	Total:	1992.9	9-23-98	027	
			<u> </u>						
SPA	N "A"								
									Checked By: ML7
									Date: 6-19-99

e Code #289      Class	H Con	crete - Bridge			324	94 @ \$29	6.50		59
Structure Member	Str. #	Plan 2t		eu			Date	Initials	Remarks
Cap End Bent #1-pour 1	1	14.0		14.0			6-16-97	WLW	
Cap End Bent #1-pour 2	1	15.3		15.3			6-22-97	WLW	
Cap Bent #1	1	14.5		14.5			7-06-97	WLW	
Cap Bent #2	1	14.5		14.5			7-09-97	wLw	
Cap Bent #3	1	14.5		14.5			7-12-97	ひしてひ	
Cap Bent #4	1	14.5		14.5			7-14-97	wLw	
Cap Bent #5	1	14.5		14.5			7-16-97	wLw	
Cap Bent #6	1	14.5		14.5			7-16-97	wLw	
Cap Bent #7	1	14.5		14.5			7-23-97	WLW	
Cap Bent #8	1	14.5		14.5			7-23-97	WLW	
Cap Bent #9	1	14.5		14.5			7-27-97	WLW	
Cap Bent #10	1	14.5		14.5			7-27-97	WLW	
					174.3	87 3-19-99			
			Page	7otal:	145.0	CU 3-19-99	8-28-97	FWR	
									Checked By: MLF
									Date: 6-19-99

84.41	D. 1.1.	Bent	0.1		11	0.4	Initials	<b>6</b> /:
Station	Rt. Lt.	Bent	Column		Lb.	Date	*Initials	Remarks
47+61.31-L-	Lt.	1	1,2,3		2,937	8-13-98	WHL	Phase 9 - Bent # 1
18+81.31-L-	Lt.	2	1,2,3		2.958	9-3-98	WHL	Phase I - Beut # 2
48+81.31-L-	Lt.	2	3		67	9-3-98	WHL	Phase I - Beut # 2 - Column 3
								Footing Lowered 1.4' - Additional
								Spiral column reinforcing steel
								needed as follows:
								2.958 # 62.25 L7 = 47.5 # L7
								47.5 # L7 x 1.4 L7 = 66.5 #
			Page	7otal:	5,962	10-3-98	VG74	
								Checked By: ML7
								Date: 6-19-99

Line Code #296	Structural	Steel				LS @ \$	1,185,000.0	77
Structure	Complete	Project	Paid		Amount	Date	Initials	Remarks
233+67.31 -L-	67%	39.4%	26.4%		\$1,185,000.00	6-18-9	9 2427	NBL structure phase 9
33+86.45 - U2-	100%	22.3%	22.3%		\$ 264,255.00	9-19-9	8 747	-U2- structure over —L-
233+87.31 - L-	100%	38.3%	38.3%		\$ 453,855.00	11-5-9	8 747	SBL Structure
233+67.31 -L-	100%	39.4%	13.0%		<b># 154,050.00</b>	2-26-9	9 427	NBL structure phase 99
		Page &	Project	7otal:	\$1,185,000.00	6-18-9	9 1974	
— I certify that t		•						
	d: <u>9. M.</u>	•		No	_			y the Engineer for each payment Provisions if applicable.
			_					
								Checked By: MLF Date: 6-19-99

e Coae #3	U	restressed Con	reie Pues		T.	776	<i>L F</i>	@ <i>, \$78.44</i>	64	
		1	2	3	4	5		6		-L- ahead
	<u> </u>				23+76.34 - last 10 blows					
	Order		Stroke		Pay	Pen. Last				
Pile No.	Length	Casting	Length	Cut-off	Length	10 Blows		Date	Initials	Remarks
1	76.0'	p-508-76	7.8	0.0	76.0'	1/2"		07-19-98	ひしてひ	
2	76.0	p-509-76	7.8	1.0'	75.0°	1/4"		07-19-98	20220	
3	76.0'	p-521-76	7.8	1.0'	75.0'	1/8"		07-19-98	20220	
4	76.0'	p-522-76	8.0	1.1'	74.9'	1-1/2"		07-19-98	20220	
5	76.0'	p-526-76	8.0	1.1'	74.9'	1/8"		07-19-98	20220	
6	76.0'	p-545-76	8.0	1.1'	74.9'	1/8"		07-19-98	WLW	
			Page	Total:	450.7 L7			07-19-98	WLW	
										Checked By: ML7
										Date: 6-19-99

<u>C</u> ode #30	13 AP 12x5.	3 Steel Pile	<b>2</b> &				835 LF (C	D #28.35		68
П			<b>P</b>				<u> </u>	(	<b>7</b>	-L- Ahead
							_		_	<del>                                     </del>
	0	2	3	4	<b>5</b>	(		<b>?</b>	8	
					94+67.92 - O blows 2 1/2					
	Original	Splice	Cut-Off	Pay	Pen. last		Heat			
Pile No.	Length	Length	Length	Length	10 Blows		Number	Date	Initials	Remarks
1	50.0	0.0	1.8	48.2	11/4		37966	5-23-98	mzg	
2	50.0	9.7	8.9	50.8	11/2		38456	5-23-98	mzg	35273 also
3	50.0	8.8	4.8	54.0	1₽		37645	5-23-98	mzg	27161 also
4	50.0	9.8	4.3	55.5	11/2		39723	5-23-98	mzg	29010 also
5	50.0	8.7	7.3	51.4	11/4		39876	5-23-98	mzg	34569 also
6	50.0	9.8	6.1	53.7	11/2		37987	5-23-98	mzg	27161 also
7	50.0°	8.6	1.5	57.1	21/2		39543	5-23-98	mzg	39887 also
8	50.0	0.0	1.1	48.9	1 <u>Ω</u>		39564	5-23-98	mzg	
		Page	Total:		419.6 LF			5-23-98	mzg	
										Checked By: ML7
										Date: 6-19-99

Code #30	5 1'-0"	X 1'-6" Con	icrete Parap	ret Rail		3,600 LF	7 @ # 109.00	80
Station	Station	Location			27	Date	Initials	Remarks
61+34	69+25	-22-			791.0	9-20-98	WLW	
49+75	61+34	-22-			1,159.4	9-21-98	20220	
<i>38+35</i>	49+75	-22-			1,140.4	9-22-98	20L20	
<i>33+25</i>	38+35	-12-			509.8	9-23-98	ZWG	
		Page and	Project	7otal:	3,600.6 LF	9-28-98	TWP	
								Checked By: MLF
								Date: 6-19-99

		e Protection					1,230 SU		
Station	Rt.  Lt.					SU	Date	Initials	Remarks
5+50-L-	Lt.					205.7	9-28-98	FWP	Under End Bent #1-Y1-Gillian
									Road
d Bent #	/								
	<u> </u>			-L-	Ahead 				
	1.8				1				
<b>-</b>		<b>B</b>	<b>-</b> 2	5.4	A	(68.6 + 1	.8) x 2.4 =	169.10	
				E	8	) 0.5 x 1.8 x	23.2 = 20	88	
$\mathcal{A}$		<i>23.2</i>			l @	) 68.6 x 23.	2 = 1591	52	
	68.6	<b>@</b>			2	0.5 x 3.2	z 23.2 = 37	7.12	
-		Sl	pe Protectio	n _		) 2 x (3.0 1	z = 3	2.40	
3.2			(						
3.6	<b>V</b>			10					
	3.2			/			_		
	<b>A</b>				1		7otal:	1851.02	= 205.7 SV
	<b> </b>							9.0	
				Page	7otal:	205.7 SU	9-28-98	FWP	
									Checked By: ML7
									Date: 6-19-99

Code #310	Expansion	Joint Seal				LS @ \$27,000	0.00	87
Station	Location	Str #	Complete		Amount	Date	Initials	Remarks
3+23.33	-41-	1	50%		\$29,500.00	6-6-98	20220	Beut #17
3+23.33	-41-	1	50%		\$29,500.00	7-14-98	WLW	Beut #16
certify that the -14-98 in acc			_					
the contract.								
Signed.	9. M. Z							
	Resident E	Engineer 						
					#56.000.00	0.15.00	2001	
		Page &	Project	7otal:	<i>\$59,000.00</i>	8-15-99	FRW	Checked By: ML7
								Date: 6-19-99

Station	Loc.	Lt./Rt.			Complete	7otal	Date	Initials	Remarks
36+ <i>85.45</i>	-LRev	Rt.			100%	\$15,000.00	3-19-99	LXY	
			Page &	Project	7otal:	\$15,000.00	4-2-99	MX7	
tify that thi									
19-99 in acc e contract.	ordance with	the terms							
		Resident, P	<u> </u>						
	Resident .	Engineer 1							
									Checked By: ML7
									Date: 1-19-00

Station	Loc.	Lt. Rt.	Size			CY	Date	Initials	Remarks
83+55.72	-LRev	Lt. Rt.	2-8x8			105.7	2-13-98	77	Floor Slab - Plan Quantity
83+55.72	-LRev	Lt.  Rt.	2-8x8			88.6	2-22-98	247	Center Vertical Wall - Plan Quantity
83+55.72	-LRev	Lt.   Rt.	2-8x8			235.6	2-23-98	247	2 - Exterior Walls - Plan Quantity
83+55.72	-LRev	Lt.  Rt.	2-8x8			115.6	3-7-98	DDG	Roof Slab - Plan Quantity
83+55.72	-LRev	Lt.	2-8x8			25.4	3-10-98	DDG	Wing Walls - Plan Quantity
83+55.72	-LRev	Rt.	2-8x8			25.4	3-11-98	DDG	Wing Walls - Plan Quantity
									Culvert Concrete Complete
									3-11-98
				Page	7otal:	596.3 CY	4-2-98	MX7	
									Checked Ey: ML7
									Date: 6-19-99

Station	Lt./Rt.		Complete		Amount	Date	Initials	Remarks
+ <i>23.11-⊥-</i>	Rt.		100%		\$36,500.00	12-16-99	EXC	Completed 10-21-99
		Page &	Project	Total:	\$36,500.00	12-16-99	EXC	
-21-99 in	his item was cou accordance with d: 9.M.R	the terms of the co	putraci.					
-21-99 in	accordance with	the terms of the co resident, PE	putract.					
-21-99 in	accordauce with d: <u>9. M. R</u>	the terms of the co resident, PE	putract					
-21-99 in	accordauce with d: <u>9. M. R</u>	the terms of the co resident, PE	putract.					
-21-99 in	accordauce with d: <u>9. M. R</u>	the terms of the co resident, PE	putract.					
-21-99 in	accordauce with d: <u>9. M. R</u>	the terms of the co resident, PE	putract.					

Station	Loc.	Lt. Rt.			Complete	Amount	Date	Initials	Remarks
341+34.54	-L-	Lt.			100%	\$2,500.00	11-21-98	978	Note: Footing elevation was
341734.54	121	21.			100%	#2,500.00	11-21-78	476	lowered 1.5 by K. J. Morris -
									Bridge Construction Engineer
									No additional compensation per
									Section 410 of the Standard.
			Page &	Project	7otal:	\$2,500.00	12-9-98	mx7	Specifications
						<b>■ ₽ 2.300.00</b>	16-9-98	mx 1	
			Page Q	Project	Total:				
• •		completed			Note: Fo	undation Excontract for pro	per payment	method.	asured by Cross-section method. See See Unclassified Excavation or Borro ent and documentation.
rtify that this ordance with the		completed			Note: Fo	undation Excontract for pro	per payment	method.	See Unclassified Excavation or Borro
ordance with the		completed			Note: Fo	undation Excontract for pro	per payment	method.	See Unclassified Excavation or Borro
ordance with the	e terms	completed  Resident,	11-21-98 in		Note: Fo	undation Excontract for pro	per payment	method.	See Unclassified Excavation or Borro
ordance with the	e terms 9. M.	·	11-21-98 in		Note: Fo	undation Excontract for pro	per payment	method.	See Unclassified Excavation or Borro
ordance with the	e terms 9. M.	Resident,	11-21-98 in		Note: Fo	undation Excontract for pro	per payment	method.	See Unclassified Excavation or Borro
ordance with the	e terms 9. M.	Resident,	11-21-98 in		Note: Fo	undation Excontract for pro	per payment	method.	See Unclassified Excavation or Borro ent and documentation.

017+89.23 -41- Zt. 2 2 22.4 3-2-98 PX 017+89.23 -41- Lt. 2 1 17.2 3-4-98 PX 018+69.23 -41- Zt. 3 2 26.1 3-6-98 HX 018+03.23 -41- Zt. 3 1 16.2 3-10-98 HX 019+49.23 -41- Zt. 1 2 7.4 3-14-98 PX	
017+89.23 -41- Lt. 2 1 17.2 3-4-98 PR 018+69.23 -41- Rt. 3 2 26.1 3-6-98 HR 018+03.23 -41- Lt. 3 1 16.2 3-10-98 HR 019+49.23 -41- Rt. 1 2 7.4 3-14-98 JR	<m> &lt; 7   &lt;</m>
018+69.23 -41- Rt. 3 2 26.1 3-6-98 47. 018+03.23 -41- Lt. 3 1 16.2 3-10-98 47. 019+49.23 -41- Rt. 1 2 7.4 3-14-98 97.	27 27
018+03.23 -41- Lt. 3 1 16.2 3-10-98 H7. 019+49.23 -41- Rt. 1 2 7.4 3-14-98 J7.	<del>27</del>
019+49.23 -41- Rt. 1 2 7.4 3-14-98 97	
	~~~
019+49.23 -U1- Lt. 1 1 13.9 3-19-98 97.	
	<i>Ry</i>
Page 70tal: 103.2 L7 4-9-98 MC	<b>37</b>

tation	Rt./Lt.				Date	Initials	Remarks
	7,407,20					,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
<u>Not</u>	<u>es for Unclassifie</u>	<u>d Structure E.</u>	<u>xcavation:</u>				
1	Computations may	y ha chawn ir	Doy Doord	Pooks by using	y the VV7 Meth	od for volum	e calculation when field
	measurements are						
	measurements are	taken. These	carculations	an arso nave ac	auctions for pave		
2.	Original cross-sec	tions should b	e placed in the	e Pay Record B	ooks when they a	are taken. Fin	nal cross-sections should
	be recorded in the	Pay Record E	Books when th	ey are calculate	d.		
	TT 71	. 1	.1 1	1 1 . 11 .1	C 11 .	1	
3.	When cross-section	ons are taken, t	they may be ca	alculated by the	following proced	dures:	
	Plotted o	n cross-sectio	n sheets and v	olumes calcula	ted using the ave	rage-end area	method.
					•	•	
	•		ammetry with d by the Resid	_	photogrammeter	ic cross section	ons and theoretical final
	C1088-86C	tions provide	d by the Resid	ent Engineer.			
	<b>.</b> .	y be used to	estimate the m	nonthly quantiti	es for nartial nav	ment estimate	es. These computations
—	Plan quantities ma	.,			es for partial pay	mone obtinien	
	should be clearly	documented		nate Work Bo	ook and verified	d with the S	Structure Contractor or
	should be clearly Subcontractor on	documented a daily basi	is for unclass	nate Work Bosified structure	ook and verified excavation ope	l with the S rations. It	Structure Contractor or is recommended to be
	should be clearly	documented a daily basi	is for unclass	nate Work Bosified structure	ook and verified excavation ope	l with the S rations. It	Structure Contractor or is recommended to be
	should be clearly Subcontractor on conservative in es	documented a daily basi timating the a	is for unclass mount for pay	mate Work Bosified structure ment each period	ook and verified excavation ope od until the final o	l with the S rations. It	Structure Contractor or is recommended to be
	should be clearly Subcontractor on	documented a daily basi timating the a	is for unclass mount for pay	mate Work Bosified structure ment each period	ook and verified excavation ope od until the final o	l with the S rations. It	Structure Contractor or is recommended to be
	should be clearly Subcontractor on conservative in es	documented a daily basi timating the a	is for unclass mount for pay	mate Work Bosified structure ment each period	ook and verified excavation ope od until the final o	l with the S rations. It	Structure Contractor or is recommended to be
	should be clearly Subcontractor on conservative in es	documented a daily basi timating the a	is for unclass mount for pay	mate Work Bosified structure ment each period	ook and verified excavation ope od until the final o	l with the S rations. It	Structure Contractor or is recommended to be

Structure	Span #			57		Date	Initials	Remarks
	·							
23+56.23-L-	1			2,305.0		10-29-98	WLW	Per plans
/	2			2,305.0		2-15-98	WLW	/
	3			2,305.0		2-21-98	WLW	
	4			2,305.0		2-23-98	WLW	
	5			2,305.0		5-06-98	WLW	
	6			2,305.0		11-07-98	WLW	
	7			2,305.0		11-08-98	WLW	
	8			2,305.0		5-01-99	WLW	
	9			2,305.0		5-03-99	WLW	
	10			2,305.0		5-08-99	WLW	
	11			2,305.0		5-09-99	WLW	
33+16.23-L-	12			2,305.0		5-10-99	WLW	Per Plans
Page	and	Project	7otal:	27,660.0	57	7-15-99	TWR	
								Checked By: ML7
								Date: 6-19-99

Station	Rt.  Lt.	Span				57	Date	Initials	Remarks
03+35.85	Lt.   Rt.	"A"				1992.9	027	9-23-98	Completed satisfactorily.
-	L- Ahead	Span "A" De	rek —						
2									
	$\mathcal{A}$	*	A 0.5	x 3.2 x 38	7.4 = 61.4				
	38.4		<b>3</b> 38.	4 x 49.1 =	1,885.4				
			<b>@</b> 0.	5 x 2.4 x 3	88.4 = 46.1				
1	<b>3</b>								
	Span "A" Grooved A	rea							
		<u>(e)</u>	Span "A"	Total:	1,992.9				
4									
				Page	7otal:	1992.9	027	9-23-98	
SD4	n "A"								
									Checked By: ML7  Date: 6-19-99

		1	I		1			
Structure Member	Plan Zt			CU		Date	Initials	Remarks
Pap End Bent #1-pour 1	14.0			14.0		6-16-97	WLW	
ap End Bent #1-pour 2	15.3			15.3		6-22-97	マロユフロ	
Cap Bent #1	14.5			14.5		7-06-97	WLW	
Cap Bent #2	14.5			14.5		7-09-97	WLW	
Cap Bent #3	14.5			14.5		7-12-97	マロユフロ	
Cap Bent #4	14.5			14.5		7-14-97	WLW	
Cap Bent #5	14.5			14.5		7-16-97	WLW	
Cap Bent #6	14.5			14.5		7-16-97	WLW	
Cap Bent #7	14.5			14.5		7-23-97	WLW	
Cap Bent #8	14.5			14.5		7-23-97	WLW	
Cap Bent #9	14.5			14.5		7-27-97	WLW	
Cap Bent #10	14.5			14.5		7-27-97	WLW	
					SB7 3-19	- 99		
				_174.3				
		Page	Potal:	145.0	eu	8-28-97	FWR	
								Checked By: ML7
								Date: 6-19-99

Station	Rt.  Lt.	Bent	Column			L6.	Date	Initials	Remarks
7+61.31-L-	Lt.	1	1,2,3			2,937	8-13-98	WHL	Phase 9 - Beut #1
<u> </u>							4 - 45		
8+81.31-L-	Lt.	2	1,2,3			2,958	9-3-98	WHL	Phase 9 - Bent # 2
8+81.31-L-	Lt.	2	3			67	9-3-98	WHL	Phase 9 - Bent # 2 - Column 3
									Footing Lowered 1.4' - Additional
									Spiral column reinforcing steel
									needed as follows:
									2,958 # 62.25 L7 = 47.5 # L7
									47.5 #/L7 x 1.4 L7 = 66.5 #
				Page	7otal:	5,962	10-3-98	VGH	
									24 4 10 20 40
									Checked By: ML7 Date: 6-19-99

Complete				Amount	Date	Initials	Remarks
100%				\$1,185,000.00	6-18-99	V974	Completed 2-26-99
	Page &	Project	7otal:	\$1,185,000.00	6-18-99	V974	
							Checked By: ML7
							Date: 6-19-99

Coac #50	, 64 P	restressed Con	weee Face				976 L7 @, \$78.44 64					
	$\overline{\Sigma}$	1	2	3		4	5	6	3	-L- ahead		
			N Station 123+	76.34 - L - Tous: Pile Cut -	all Share I	11 201						
	Order	Keguriea	Stroke	ous: Pue Cui	Pay	Pen. Last	Bearing					
Pile No.	Length	Casting	Length	Cut-off	Length	10 Blows	7ons	Date	Initials	Remarks		
1	76.0'	p-508-76	7.8	0.0'	76.0'	1/2"	191.4	07-19-98	WLW			
2	76.0'	p-509-76	7.8	1.0'	75.0'	1/4"	217.3	07-19-98	マロユマロ			
<u> </u>	76.0	p-521-76	7.8	1.0'	75.0	1/8"	233.2	07-19-98	WLW			
4	76.0'	p-522-76	8.0	1.1'	74.9'	1-1/2"	129.6	07-19-98	マロユマロ			
5	76.0'	p-526-76	8.0	1.1'	74.9'	1/8"	233.2	07-19-98	マロユマロ			
6	76.0'	p-545-76	8.0	1.1'	74.9'	1/8"	233.2	07-19-98	WLW			
			Page	7otal:	450.7	27		07-19-98	WLW			
										Checked By: ML7		
										Date: 6-19-99		

Code #30	03	3 Steel Pil	<b>2</b> \$			<i>83.</i>	5 LF @ \$2	28.35		68
	P	<b>T</b>	Ŧ			T		T		-L- Ahead
	0	2	3	<b>4</b>	3	<b>Ø</b>	7	<b>9</b>		
		End Be	nt #2 Stat	ion 334+67	92 - LRev	_				
				0.0 7ons; Po			,			'
	Original	Splice	Cut-Off	Pay	Pen. last	Bearing				
Pile No.	Length	Length	Length	Length	10 Blows	7ons	Number	Date	Initials	Remarks
1	50.0	0.0	1.8	48.2	11/4	76.9	37966	5-23-98	mzg	
2	50.0	9.7	8.9	50.8	11/2	69.4	38456	5-23-98	mzg	35273 also
3	50.0	8.8	4.8	54.0	1 <u>2</u>	<i>73.0</i>	37645	5-23-98	mzg	27161 also
4	50.0	9.8	4.3	<i>55.5</i>	11/2	69.4	39723	5-23-98	mzg	29010 also
5	50.0	8.7	7.3	51.4	11/4	76.9	39876	5-23-98	mzg	34569 also
6	50.0	9.8	6.1	<i>53.7</i>	11/2	69.4	37987	5-23-98	mzg	27161 also
7	50.0	8.6	1.5	57.1	21/2	50.0	39543	5-23-98	mzg	39887 also
8	50.0	0.0	1.1	48.9	1 <u>2</u>	73.0	39564	5-23-98	mzg	
		Page	Total:	419.6 17				5-23-98	mzg	
										Checked By: ML7
										Date: 6-19-99

Code #30	5 1-0	X 1'-6" Cond	rete Parap	et Kail			3,600 L7	7 @ # 109.00	<i>80</i>
Station	Station	Location			17		Date	Initials	Remarks
61+34	69+25	-22-			791.0		9-20-98	WLW .	
49+75	61+34	-22-			1,159.4		9-21-98	ロレフロ	
38+35	49+75	-22-			1,140.4		9-22-98	WLW	
33+25	38+35	-L2-			509.8		9-23-98	ZWG	
		Page and	Project	7otal	3,600.6	17	9-28-98	FUP	
									Checked By: ML7
									Date: 6-19-99

Coae #300	8 4" Slope	rocección					1,230 SU		53
Station	Rt.  Lt.					SY	Date	Initials	Remarks
5+50-L-	Lt.					205.7	9-28-98	FWP	Under End Bent # 1-Y1-Gillian
									Road
d Bent #1	1			4	41 1				
	1.8			-2-	Ahead A	(68.6 + 1.5	8) x 2.4 = 1	69.10	
	+	<b>8</b>	<del></del> 5	4-					
		O			8	0.5 x 1.8 x	23.2 = 20.	88	
-			(8		(e)	) 68.6 x 23.	2 = 1591.	52	
$\mathcal{A}$	-	— <i>23.2</i>		-					
_	68.6	<b>@</b>				0.5 x 3.2 x	23.2 = 31	.12	
			pe Protection	:	$\mathcal{E}$	2 x (3.0 x 5	5.4) =	32.40	
-							7otal:	1851.02	= 205.7 SV,
3.2								9.0	
	3.2			<b>1</b> (2)					
	3.2								
					<b>-</b>	202.2.21	0.05.05		
				Page	Total:	205.7 SU	9-28-98	FWP	
									Checked By: ML7
									Date: 6-19-99

C4.41.	Location		0. 11.4.		Amount	Date	Initials	<b>6</b> /:
Station	Location		Complete		remount	Date	7nitials	Remarks
03+23.33	-41-		100%		\$27,000.00	7-14-98	WLW	
		Page &	Project	Total:	\$27,000.00	8-15-99	FRW	
	ı at this item wa							
– accordance ( –	with the terms	of the contrac	rt.					
_ Si	gned: <u>9. M</u>	. Resident, ; dent Engineer	<u> PE</u>					
-	Zeda	ceni Engineer						
_								
								Checked By: ML7
								Date: 6-19-99

#### ADDITIONAL CONTRACT ITEM **EXAMPLES**

#### PAY RECORD BOOK ENTRY EXAMPLE

Line Code #124 Supplemental Field Surveying Line Code #125 Supp. Surveying Office Calculations 0 Hrs. @ \$100.00 0 Hrs. @ \$50.00

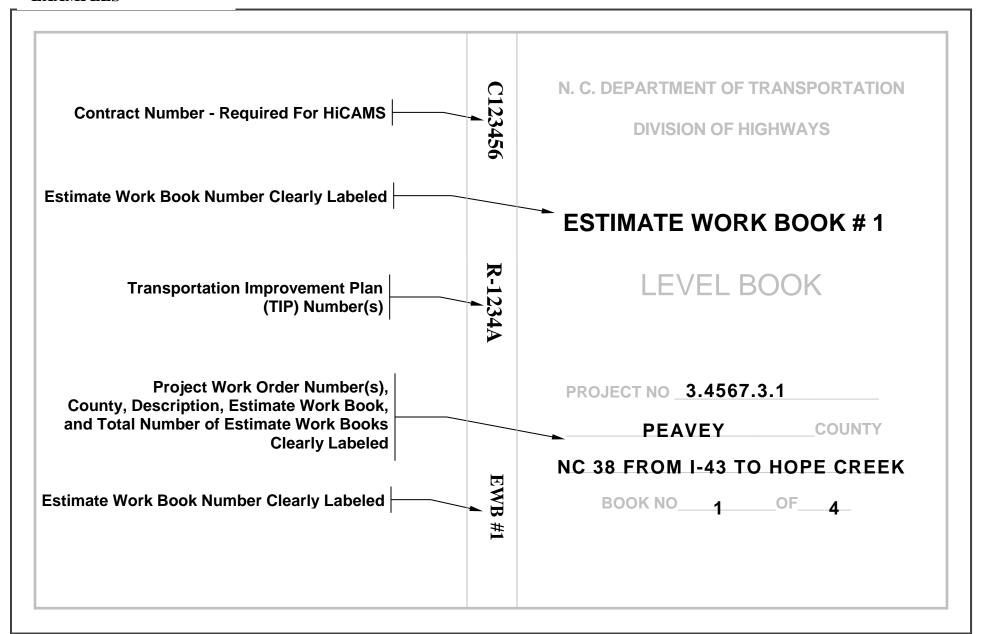
			#124	#125			
Station	Loc.	Description	Hours	Hours	Date	Initials	Remarks
9+50+/-	-43-Rt.	Sanitary Sewer Conflict		2.5	2-1-07	JKR	Computed line and grade for
							relocated Sanitary Sewer
			2.0		2-3-07	JKR	Staked Same
145+00+/-	-L-Lt.	Staked additional Pile	6.0		10-6-07	978	Staked line and grade for added
		Panel Wall					PPW.
161+30+/-	-L- Lt.	Staked additional Pile	6.2		10-7-07	978	Staked line and grade for added
		Panel Wall				•	PPW.
10+45+/-	-41- Rt.	Staked additional for	4.4	0.8	11-9-07	927	Computed and staked line and
		hydrant.				•	grade for additional water line
							added by the Town of Ludwig.
		Page & Project Totals:	18.6	3.3	12-3-07	mx7	
		, age or , agent position	1070				
							Checked By: ML7
							Date: 12-4-07
							Date: 12-4-01

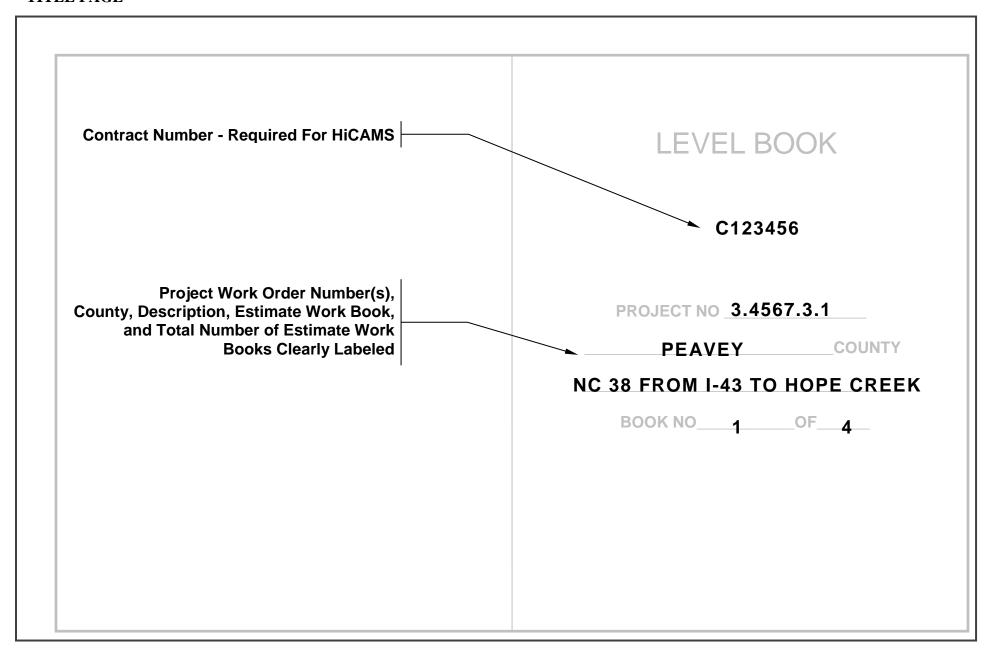
							#41,275.0		
Description						Amount	Date	Initials	Remarks
						<i>\$43,873.69</i>	6-3-07	LKM	Approved 10-23-06.
									Items completed 5-23-07.
									Amount adjusted based on final
									quantities for affected items of work.
									See revised SA for actual quantities.
			Page and	Project	7otal:	<i>\$43,873.69</i>	7-5-07	947	
 I certify th	at this item o	vas comp	leted 6-3-07 d	in					
	with the term								
		V							
 	'gned: <u>1. 1</u>	M. Resi	dent, PE						
	R	esident Engi	neer						
									Checked By: ML7
									Date: 1-19-08
tractor's Share	of Value Engin	eering Pro	posal for elimination	ıg open					
on -44	I	I	ı l		I	I	1 1		1

		DD8 #1	12 Summari	y For Line Cod	10 #110 - Soo	dina and M	Tulching.		
		770 111		7 700 2000 000		and the			
	PR8 #	Page #		Quantity		PR8 #	Page #	Quantity	
	12	40		2,403.0		12	54	17,402.0	
	12	41		42,356.0		12	55	2,349.0	
	12	42		13,675.0		12	56	3,841.0	
	12	43		1,367.0		12	57	5,672.0	
	12	44		44,678.0		12	58	9,836.0	
	12	45		23,456.0		12	59	59,245.0	
	12	46		33,789.0		12	60	34,816.0	
	12	47		3,456.0		12	61	4,925.0	
	12	48		1,704.0		12	62	32,484.0	
	12	49		8,796.0		12	63	26,025.0	
	12	50		11,098.0		12	64	3,451.0	
	12	51		3,489.0		12	65	805.0	
	12	52		4,562.0		12	66	2,349.0	
	12	53		7,890.0					
		PR8 12	7otal:	405,919.0	<i>57</i>		8-12-07	mx7	
•	total Square mary and co		•	N	•			e summarized individually listing each Pay Record B	

Proje	eet Summar	y For Liv	ve Code # 110 -	Seeding & Mi	dehing				
PR8 #	Page #		Quantity						
12	82		405,919.0						
14	67		193,458.0						
15	89		316,391.0						
19	43		89,456.0						
21	77		144,678.0						
24	88		221,456.0						
	Project	Total:	1,371,358.0	<i>57</i>			8-19-07	WZ7	
			1,371,358.0	<i>S7</i>	= 31.482	Acres	8-19-07	MZ7	
			43,560	S71Acre					
			/						
Square Feet y and conver									
			Note	Items entere	ed only o	n one page y Record B	in one Pay ook Summ	Record Book fary or Project	cord Book total. For the project <i>do not</i> Summary. The page
									Checked By: ML7
									Date: 9-19-07

I	runneg	fied Excavat	tion				<i>37,430</i>	<u>CU @ \$</u>	U. 65	79
		<b>P</b> ;	RB Summ	ary For Line C	ode #4 - U	classified Excav	ation			
3	P <b>R</b> 8 #	Page #		2uantity						
	1	45		2,456.7						
	3	33		1,342.9						
	5	18		876.4						
	6	67		1,137.6						
		PRE	Total:	5,813,6	eu	8-19-07	<i>m</i> 27			
		7 70	, out.	7,5,5,5			1000			
•			2,		has r inclu	nultiple sourc des payment	ces for payr t from se	nent. In the veral sour	nis examp ces such	created for each item that ble, Unclassified Excavation a as Pay Record Books thwork Printout Summary
f Quantities and tall all quantities			2,		has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The c	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation
•			2,		has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation as Pay Record Books thwork Printout Summary nese items is typically listed
•			2,		has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation as Pay Record Books thwork Printout Summary nese items is typically listed
•			2,		has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation as Pay Record Books thwork Printout Summary nese items is typically listed
•			2,		has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation as Pay Record Books thwork Printout Summary nese items is typically listed
•			2,		has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation as Pay Record Books thwork Printout Summary nese items is typically listed
•					has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation as Pay Record Books thwork Printout Summary nese items is typically listed
•			2,		has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation  a as Pay Record Books  thwork Printout Summary  nese items is typically lister  erence included in the Fina
•					has rinclu Uncl Shee on th	nultiple source des payment assified Exca ts, etc. The case se <b>Summary</b>	tes for payr te from servation Sha quantity from of Quantit	nent. In the veral sour cets, Component of the component of the cets of the ce	nis examp ces such outer Ear arce for th	ole, Unclassified Excavation as Pay Record Books thwork Printout Summary nese items is typically listed





Line Code	Description	Page			
	Personnel	5			
1	Mobilization	7			
2	Construction Surveying	9			
3	Clearing & Grubbing	11			
12	Fine Grading	14			
5	Unclassified Excavation	18			
6	Undercut Excavation	40			
167	04 Sign Assembly @ Station 234+34.45	60			
289	Culvert Excavation	66			
184	ems	70			
290	Expansion Joint Seal	75			
285	Removal of Existing Structure @ Sta.				
	284+69.85 -L-	83			
291	Compression Joint Seals	90			

Name	Initials	Class.						
Carmel B. Jones - Inspector	CBJ	TT-I						
Moses H. Riggs - Inspector	MHR	TT-II						
1. M. Assistant, PE - Assist. Resident Eng.	MA	TE-I						
George N. Jungle - Inspector	gng	TT-II						
Bob J. White - Inspector	BIN	TT-IV						
4ope B. Demills - Inspector	748D	TT-II						
Walter H. Pherboe - Inspector	WHP	TT-III						
I		I	I	I	I	I	I	1

Line Code #1 Mobilization				LS @ \$785	5,000.0	<b>20</b>	<b>5</b>
lump Sum %			Amount	1	Date	Initials	Remarks
<i>50%</i>			\$392,500.00	1-	15-99	RCS	Pd. Ext. #1 RCS 1-16-99
50%			\$392,500.00	2-	15-99	Res	Pd. Est. #2 RCS 2-16-99
	2	7otal:	\$785,000.00		28-99	TWR	
	Project	Total:	<i>\$185,000.00</i>	4-1	28-99	TWR	
		. a Ob -					
VOID Entr	y - HKT 6-	#1, Page !	5				
VOID Entr	y . HKT 6- ed to PRB	#1, Page !	5				
VOID Entr	y - HKT 6- ed to PRB	#1, Page !	5				
VOID Entr	y - HKT 6- ed to PRB	#1, Page !	5				
VOID Entr	y - HKT 6- ed to PRB	#1, Page !	5				
VOID Entr	y - HKT 6-	#1, Page !	5				
VOID Entr	y - HKT 6-	#1, Page !	5				
VOID Entr	y - HKT 6- ed to PRB	#1, Page !	5				
VOID Entr	y - HKT 6- ed to PRB	#1, Page !	5				

ump Sum %			Amount			Date	Initials	Remarks
40%			\$50,000.00			1-15-07	RCS	Phase 9 L - Rt. Pd. Est. #1_
40%			\$50,000.00			9-15-07	RCS	Phase 99 - L - Lt. Pd. Sot. #9
20%			\$25,000.00			11-15-07	RCS	Phase 999 - L. Service Road
	Project	7otal:	\$125,000.00			12-2-07	TWR _	Pd. Est. #11
	Project	Iotal:	#125,000.00			12-2-01	TWR	
Void Ent	•	0.21-07						
4.	JUCB 7	02	ge 14					
<b>Void</b> Ent	140	PRB #1, P						
Trans	ierrea							
			N					by the Engineer for each payment ial Provisions if applicable.
								TI
								I

code #3	32 Fine Grading		15	@ \$50,000.00		9
	%	%	Amount			
	Complete	Paid	Paid	Date	Initials	Remarks
	5.0%	5.0%	#2,500.00	6-30-05	JXL	Mobilized 6-12-98 -L- Subgrage
	10.0%	5.0%	\$2,500.00	7-31-05	JXL	-L- Rt. Subgrade
	35.0%	25.0%	\$12,500.00	8-31-05	9%.1	-1_11. Stabilized Subgrade
	55.0%	20.0%	\$10,000.00	9-30-05	<i>7497</i>	-L-Lt, Stabilized Subgrade
	70.0%	15.0%	\$7,500.00	10-31-05	749X	-L-Rt. Stabilized Subgrade
	80.0%	10.0%	<i>\$5,000.00</i>	11-30-05	749X	-L- Rt. Stabilized Subgrade
	60.000	10.00	#5 000 0	4 50 06	<i>a.</i> 0	Pulled off Project 11-15-98
	90.0%	10.0%	\$5,000,00	4-30-06	TUP	-41, 42, 43 and Service Road "A
	100%	10.0% 06 10.0%	\$5,000.00	5-31-06	D974	All fine grading complete this estimate.
		MKT Broject Pagel:	\$50,000.00	6-2-06	MX7	
	VOID Entr	10.0% 06  10.0% 06  10.0% 06  200ject pagal:				
	referre	0				
	Trans					

Note: Percentages for payment are determined by the Engineer for each payment estimate period. Refer to Contract Special Provisions if applicable.

%		%		Amount			
Compl	ete	Paid		Paid	Date	Initials	Remarks
5.0		5.0		\$7,500.00	4-30-07	2427	
25.0	)	20.0		\$30,000.00	5-31-07	978	
25.0	)	0.0		\$0.00	6-30-07	227	No work ou project this perio
65.0	)	40.0		\$60,000.00	7-31-07	M27	
90.0	)	25.0		\$37,500.00	8-31-07	mx7	
100.0	0	10.0		\$15,000.00	9-30-07	mx7	
		Project	Potal:	\$150,000.00	8-2-98	mx7	
ry JMC 11-	10-00						
ry DRB#	1, Page		Note	: Percentages for pa	yment are dete	rmined by the	Engineer for each paymen
led to .				estimate period. R	Refer to Contrac	ct Special Pro	visions if applicable.

%		%		Amount			
Comple	te	Paid		Paid	Date	Initials	Remarks
5.0%		5.0%		\$4,250.00	4-30-06	247	Mobilized 4-15-06 - L-
20.0%	,	15.0%		\$12,750.00	5-31-06	978	-L- Sta. 230+00 to 290+00 Rt.
35.0%	<b>,</b>	15.0%		\$12,750.00	6-30-06	247	L- Sta. 235+00 to 310+00 Lt.
50.0%	,	15.0%		\$12,750.00	7-31-06	mal	-L- Sta. 290+00 to 360+00 Lt. Rt
75.0%		25.0%		\$21,250.00	8-31-06	mx7	-L- 360+00 to end project, N. N2. & N
90.0%	<u> </u>	15.0%		\$12,750.00	9-30-06	<i>m</i> 27	Rough Grading complete Shoulder work, Borrow for U.S., U.S., U.6
100.09	5	10.0%		#8.500.00	10-31-06	9744	All grading complete this estimate period.
		Project	Hotal: #	85,000.00	11-2-06	MX7	
D Entry - MKT	21.07						
WKT	B.C.	23					
o Entry	RB #A, Pas	1	1		'	'	
sorred to F							
ranster							

Estimate	Portable Construction  Project	%		Amount	LS @ \$80,0		
Number	Complete	Paid		Paid	Date	Initials	Remarks
1	0.0%	50%		\$40,000.00	3-30-07	2427	Per Standard Specifications
15	53.3%	25.0%		\$20,000.00	5-31-07	978	Per Standard Specification
35	100.0%	25.0%		\$20,000.00	1-31-07	77.7	Per Standard Specifications
		Project	7otal:	\$80,000.00	2-3-07	MCZ7	
	کری ہے	07					
	entry MKT	K1, 2.13-0.					
401	O Energy to PRB	•	Not			ermined by the	e 2006 Standard Specification
<b>_</b>	D Entry - MKT 2.34			See Section 141	2.		
	1		1		1		

Station	Structure	Section	Amount	Date	Initials	Remarks
130+10	Cantilever	Footing	\$8,000.00	7-29-06	AUF	Footing powed
130+10	Cantilever	Structure	\$18,000.00	9-29-06	AU7	Structure set
130+10	Cantilever	Signs	\$2,000.00	10-29-06	AUF	Signs set
130+10	Cautilever		\$4,545.00	12-29-06	A47	Completed
		41	**1,040.00	(2 2) 00	7.47	Computed
	-					Computed
		Page 7		1-5-07	587	Compared

		Delivered	Placed	Project	Project				
		to	in	50%	100%				
<i>CMS</i>	Estimate	Project	Oper.	Complete	Complete	7otal			
perating	Number	(0.5 Ea.)	(0.2 Ea.)	(0.2 Ea.)	(0.1 Ea.)	Paid	Date	Initials	Remarks
1	2	0.5	0.2			0.7	5-31-05	74%	Delivered to project and placed in service.
2	2	0.5	0.2			0.7	5-31-05	74%	Delisered to project and placed in service.
1	12			0.2		0.2	3-31-06	927	Project 50% complete.
2	12			0.2		0.2	3-31-06	24	Project 50% complete.
3	14	0.5		0.2		0.7	5-31-06	927	Delivered to project, project 50% complete.
3	15		.2			0.2	6-30-06	927	Placed in service. Total in use = 3
1	26				0.1	0.1	5-31-07	WHD	Project 100% complete.
2	26				0.1	0.1	5-31-07	WHD	Project 100% complete.
3	26				0.1	0.1	5-31-07	WHD	Project 100% complete.
<u>/</u>		D Entry . M'		Project	7otal:	3.0 Ea.	6-3-07	MX7	
/			F 6307	1275					
		M. M	41.	18ge					
	401	O Entry	PRB						
	40	nsferred							
The	Contractor i	1			Percentage See Section		ment are det	ermined b	y the 2006 Standard Specifications.
any o	tity of CMS one time duri is example, t	ing the life	of the proje	ect.	separate pa	ige in the		nch sign. 7	ng concurrently, you may create a This is less confusing and decreases

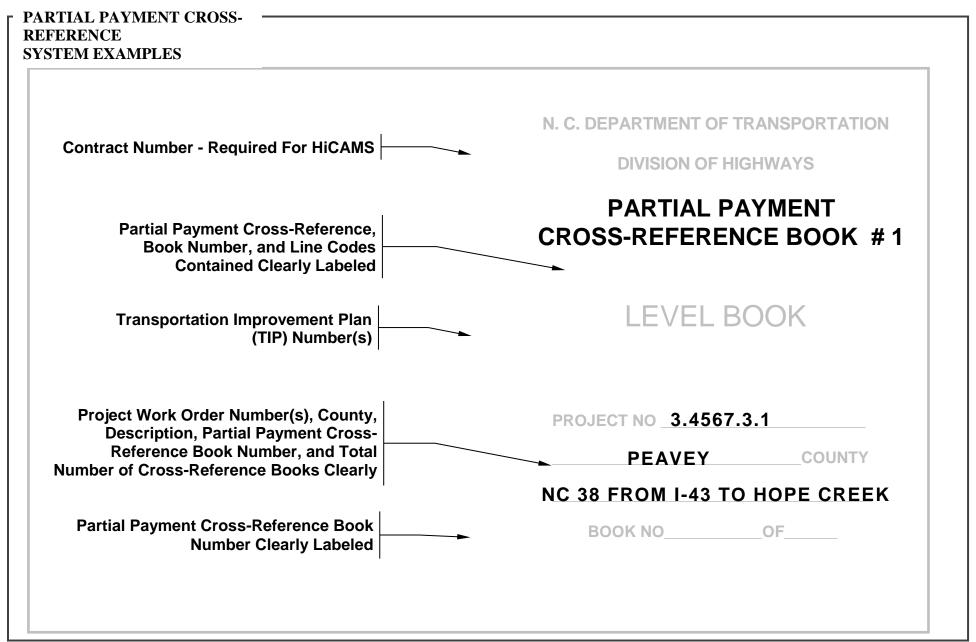
		%	%					
Station	Lt./Rt.	Complete	Pay		Amount	Date	Initials	Remarks
85+23.11-L-	Rt.	50%	50%		\$18,250.00	6-7-06	924	Phase I removal
85+23.11-L-	Rt.	50%	100%		\$18,250.00	10-21-06	924	Phase II removal
			Project	7otal:	#36,500.00	11-4-06	TWR	
OID Entry	TWR 11-10-06 to PRB #1, Par	ge 67						
Tranferred '	to PKD " · ·							

	%	%	%		Amount			
Structure	Complete	Project	Paid		Paid	Date	Initials	Remarks
233+67.31-L-	67.0%	39.4%	26.4%		\$312,840.00	7-18-06	227	NBL Structure - Phase I
33+86.45 -Y2-	100.0%	22.3%	22.3%		\$264,255.00	9-19-06	247.7	-42 - Strugthe over - L-
233+87.31-L-	100%	38.3%	38.3%		\$453,855.00	11-5-06	247.7	SEL Structure
233+67.31-L-	100.0%	39.4%	13.0%		\$154,050.00	2-26-07	most	NBL Structure - Phase 99
			Project	7otal:	\$1,185,000.00	3-201	mx7	
VOI		12.01						
		1372	49	1	Note: Percentages for	r payment are de	etermined by	the Engineer for each paymo
	entry.	14 DS/	3		estimate period	Defends Cont	ract Special I	Provisions if applicable.

				%	%				
Station	Loc.	Lt./Rt.		Complete	Pay	Amount	Date	Initials	Remarks
341+34.54	-L-	Lt.		60%	60%	\$1,500.00	6-23-07	247	Phase 9- Footings #1,2 and 3
341+34.54	-L-	Rt.		100%	40%	\$1,000.00	11-21-07	978	Phase II Footings # 4 and 5
		, ,				,		//-	Note: Zooling elevation was
									Dowered 1.5'
									By K. J. Morris Area Bridge
									Engineer
									No additional compensation per
									Section 410
									of the Standard Specifications.
				Project	Notal:	\$2,500.00	12-9-07	mx7	
		12.9.07							
	MKT	pagel	3						
VOID E	oR!	#1, Pas							
•	red to The								
VOID E									

				%				
Station	Loc.	Lt./Rt.		Complete	7otal	Date	Initials	Remarks
336+85.45	-LRev	Rt.		50%	\$7,500.00	2-23-06	227	Phase 9
336+85.45	-LRev	Lt.		50%	\$7,500.00	3-19-07	224	Phase II
			Project	7otal:	\$15,000.00	4-2-07	mx7	
VOID Entry	MKT 4-2-	07						
VOID Entry	-ng #1	Page 39						
VOID Entry Transferred	to PRD "							

e Code #150	Expansion Joint S	Seal		LS @ \$21	7,000.00	79
Station	Location	% LS	Amount	Date	Initials	Remarks
103+23,33	-41-	50%	\$13,500.00	6-06-06	WLW.	Beut #17
103+73,88	-41-	50%	\$13,500.00	7-14-06	70.27U	Beut #16
	21.07	Project 7otal.	. \$27,000.00	8-15-07	7RW	
old Entry - F	RW 8-3110 Page 4	5				
ransferred t	RW 8-31-07 o PRB #1, Page 4					



Coae #1 11	<b>Nobilization</b>				7			
Estimate No.	Source	Amount	70 Date	ORIUR	7o Date	Date	Initials	Remarks
1	EWB #1, Page 5	\$392,500.00	\$392,500.00	0	0	1-15-06	RCS	Per Specs
2	EWB # 1, Page 5	\$392,500.00	\$785,000.00	0	0	2-15-06	RCS	Per Specs.
	Final quantity has been							
	X-fered to PRB #1, page 7					4-9-06	2427	
	Note: This system tra	acks the quantit						
	payment, the	total to date of at during the life	f overrun/und	errun, and	the person			
		I	I	1	I	I		

Estimate No.	Prainage Ditch Excavation  Source	Amount	70 Date	ORIUR	30 CU (Q) 70 Date	Date	Initials	Remarks
Securition 70.	<b>3</b> 00000	7 21350451	70 0 440		70 0 440		744444	Zunuvuu
2	PRB #2, Pages 23-36	389.6	389.6	45.0	45.0	2-15-06	mx7	
3	PRB #2, Pages 37-48							
	EWB #2, Page 18	827.5	1217.1	143.0	188.0	3-15-06	MX7	Estimated - Plan Quantity
5	PRB #2, Pages. 49, 53-58	237.6	1454.7	144.0	332.0	5-15-06	MX7	
7	PRB #4, Pages 10-17	285.7	1740.4	(28.0)	304.0	7-15-06	MX7	
8	EWB #2, Pages 24-26	830.0	2570.4	-0-	304.0	8-15-06	CD C	Estimated - Will be Plotted
10	PRB #8, Pages, 34-42	302.4	2872.8	105.0	409.0	10-15-06	CD C	
12	EWB #2, Page 18							
	EWB #2, Pages 24-26	(123.1)	2749.7	(23.1)	385.9	12-15-06	MX7	Adjusted estimated quantity
15	PRB #8, Pages, 43-48	203.5	2953.2	137.3	523.2	3-15-07	MX7	
16		(0.2)	2953	(0.2)	523	4-15-07	MX7	Adjusted for Final Est.